



# ***Company Profile***

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## INTRODUCTION

**Envision Nepal** establishment in 2011, the Company has evolved and expanded its services, now offering a diverse range of solutions, including professional training, information security, public cloud consulting, business support, human resource development, content writing, software development, web application development, and other digitization consultancy services. The Company collaborates not only with its in-house experts but also leverages a resource pool of external professionals.

The Company's primary objective is to provide high-quality and reliable consulting services tailored to aid strategic business decisions in digitization, efficient technical strategies, and adaptation to the dynamic cloud environment. We pride ourselves on a professional and highly experienced team that is dedicated to delivering top-notch service with utmost precision and value addition for our clients. With over 40+ permanent personnel, all equipped with advanced degrees and professional qualifications, our team includes experts in ICT (Information and Communication Technology) and information security.

Our key strengths and competitive advantages stem from the expertise of our professional team and our collaborations with esteemed partners. One of our associates, Three Monks Pvt. Ltd., is a renowned international company with extensive knowledge of digitization. Additionally, we collaborate with MSP Solutions Pvt. Ltd., a start-up company with expertise in cloud computing, DevOps, and DevSecOps. These partnerships enable us to effectively and efficiently deliver high-quality services to clients in Nepal and beyond.

### Mission:

At Envision Nepal, our mission is to empower businesses to flourish in the digital age by offering top-quality software development, IT audit, and public cloud services. We strongly believe that technology should be a strategic asset for our clients, enabling them to boost efficiency, enhance customer experiences, and drive innovation. To fulfill this mission, we are dedicated to delivering innovative solutions that are customized to meet each client's specific needs and business objectives. Excellence is at the core of everything we do, from our technical expertise and customer service to our ethical and social responsibilities. Our ultimate goal is to be a trusted partner and advisor, assisting our clients in reaching their full potential through the power of technology.

### Vision:

Our vision at Envision Nepal is to be a leading provider of reliable and innovative software development, IT audit, and public cloud services, empowering businesses to thrive in the digital era. We aspire to be renowned for our technical expertise, customer-centric approach, and unwavering commitment to excellence. Building long-term partnerships with our clients is essential to us, as we work collaboratively to understand their unique needs and challenges, delivering tailor-made solutions that drive their success. We are fueled by our passion for leveraging technology to transform businesses and make a positive impact on society. Our ultimate ambition is to be a



trusted and respected thought leader in our industry, actively shaping the future of technology and driving innovation forward.

## **Core Values:**

**Excellence:** We strive for excellence in everything we do, delivering top-quality services and solutions to our clients, backed by our experienced and professional team.

**Innovation:** We embrace innovation and continuously seek creative and cutting-edge solutions to empower businesses in the digital age.

**Customer-Centric:** Our clients are at the heart of what we do, and we prioritize understanding their unique needs and challenges to deliver customized and impactful solutions.

**Integrity:** We uphold the highest ethical standards and maintain transparency and honesty in all our interactions and operations.

**Collaboration:** We foster a collaborative and inclusive work environment, leveraging the expertise of our in-house and external professionals to provide comprehensive solutions.

**Social Responsibility:** We are committed to making a positive impact on society, leveraging technology to drive positive change and sustainable development.

**Passion:** We are passionate about our work and dedicated to leveraging the power of technology to transform businesses and improve customer experiences.

**Thought Leadership:** We aspire to be a thought leader in the industry, actively shaping the future of technology and driving innovation forward.



# ORGANIZATION

## Board of Directors

<p><b>Founder &amp; Chairman</b></p> <p>Dr. Pawan Kumar Sharma is the Co-Founder, Chairman, Past Chairman of Three Monks Pvt. Ltd. and past CTO of Genese Solutions Pvt. Ltd. holds a PhD degree in Information Technology from Singhania University, India. He has dedicated his 25+ years in the field of banking and ICT sector. He is involved in many social organizations. LinkedIn: <a href="https://www.linkedin.com/in/pawanmct/">https://www.linkedin.com/in/pawanmct/</a></p>	<p><b>Founder &amp; Executive Director</b></p> <p>Mr. Hridaya Man Shrestha is Founder, Executive Director of this company and has experience in different executive roles as Executive Director for Envision Nepal, former Chairman/CEO of Three Monks Pvt. QCC Executive and National Security Executive for DHL Express Nepal. A charter member of Kathmandu Speakers Club, Nepal, he's the IPP of KSC. He has been affiliated to many social organizations like Lions International, Federation Computer Association of Nepal(CAN). , LinkedIn:<a href="https://www.linkedin.com/in/hridaya-man-shrestha-34189117/">https://www.linkedin.com/in/hridaya-man-shrestha-34189117/</a></p>
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## Management

<p><b>Chief Finance Officer</b></p> <p>Mr. Devendra Khadka, Chief Finance Officer of this company and has 9+ years of rich &amp; successful experience in the areas of Finance, account and work in different executive roles as Chief Finance Officer of Envision Nepal, Finance/Marketing Manager at Resonance Nepal Pvt. Ltd, HR &amp; Administration Manager at M.Nepal. Ltd.</p> <p><a href="https://www.linkedin.com/in/devendra-khadka-32a204172/">https://www.linkedin.com/in/devendra-khadka-32a204172/</a></p>	<p><b>Chief Operating Officer</b></p> <p>Ms. Bimala Dahal Sharma, Chief Operating Officer of this company and +20 years of BFIs and management experience and as Chief Operations Officer of Envision Nepal, <b>Finance/Marketing Manager</b> at Mahalaxmi Bikash Bank Ltd.</p> <p>LinkedIn:<a href="https://www.linkedin.com/in/bimala-dahal-sharma-ab987618/">https://www.linkedin.com/in/bimala-dahal-sharma-ab987618/</a></p>
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**Head of The Engineering**

Mr. Prateek S. Kharel, Prateek Sharma Kharel, is Head of Engineer of Envision Nepal with a BSc ICT (Hons) degree form Malaysian, Asia E University, has Certified Ethical Hacker (CEH) and AWS X2 Certified certifications, he is highly skilled professionals in the field of cybersecurity and information security.

Linkedin:<https://www.linkedin.com/in/prateek-sharma-kharel-3852821a7/>



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## SERVICE

### Business Management Consulting developer

At any instance, there are different kinds of organization based on its structure, client base, working sector and type of organization. And these organizations may be in different phases of its lifecycle. Irrespective of its kind and phase, a business might be facing different organizational issues or might be looking to create values, maximize growth and increase the overall business performance. To face these challenges, a business might seek external advice for different perspectives and also external specialized expertise for standard practices.

### Technical Consulting

Technical consulting is the process of providing professional technology advice to a business or organization. It requires suggesting and implementing software or hardware solutions into the business or organization in order to update the process by increasing efficiency and costs. Many businesses and organizations seek out technology consulting as they require the most updated technological expertise available, which in-house personnel may not be capable of providing.

In recent years, technology has exponentially grown in such a way that we are capable of grabbing the full extent of usability from the technology. This experience demonstrates that there is a need to strengthen and improve the Information Technology and institutional frameworks of technologies to provide the optimal result for improving the Technological strength and to generate the revenue from the technology employed in the company.

Technology Consultants help businesses decide what technical tools and technologies are best able to help them sustain and grow a business smoothly. Technical Consultants are for advising business owners, how to get the most out of their Information Technology System implied in the organization.

### Marketing Consulting

Businesses are continuously looking for different perspectives and plan for Marketing its product and services and catering its products/services to new groups of customers or gaining the competitive advantage within its sector. Hence, Marketing consulting can provide the feedback, advice and new ideas to develop a current plan or completely develop a new plan according to the requirements of the organization.

### IT Audit/Forensic Report

An IT audit/forensic report is a comprehensive document generated after a systematic examination of an organization's information technology systems and practices. It outlines findings related to security vulnerabilities, compliance with regulations, data integrity, and





potential risks. This report serves as a roadmap for enhancing IT infrastructure, ensuring regulatory adherence, and preventing cyber threats. It also aids in identifying and investigating digital anomalies, helping organizations address security breaches or fraudulent activities through forensic analysis.

## ISO Registration

ISO registration, or ISO certification, is the acknowledgement given to businesses that conform to international standards set by the International Organization for Standardization. Through independent evaluations, organizations demonstrate their adherence to specific criteria, boosting credibility, competitiveness, and customer trust. ISO registration spans various domains, including quality, security, and environmental responsibility, signifying a commitment to excellence and continuous enhancement.

## Digital Gap Analysis

Digital gap analysis is a strategic evaluation process that assesses an organization's current digital capabilities against its desired state, identifying disparities and areas for improvement. By comparing factors like technology infrastructure, digital presence, and strategies, organizations can pinpoint gaps that hinder their digital effectiveness. This analysis enables informed decisions, prioritizes resource allocation, and guides targeted efforts to bridge these gaps, fostering successful digital transformation aligned with business objectives.

By conducting a digital gap analysis, organizations can strategically plan their digital transformation efforts, improve customer experiences, increase operational efficiency, and stay competitive in the ever-changing digital landscape.

## Software Development

### a. Web Development

Due to the rapid rise of Information Technology, web platforms have provided the new marketing and sales tool for the business as well as good media to interact with their customers. So, web development has brought new possibilities for businesses to cover or reach new market areas and even they can go global from anywhere around the world.

We offer services in web development from business analysis to helping the business roll out their new web application to shift business to a new horizon. We provide the web application in PHP (Laravel, Code Igniter), Java (Spring, Hibernate, Maven, Gradle), GWT and utilize different tools such as GIT, TeamCity, Jira and use Agile Methodologies.

### b. Mobile Application Development





Similarly, development of Smartphones has created an enormous possibility which was even not possible with web applications. Now businesses can reach their targeted customers at any time and anywhere which reduces the time gap to reach their customers, providing a competitive advantage for the business against their competitors.

We offer services in Mobile Application Development for Android and iOS. We follow the same standard practices as web Development for the development process of Mobile Application.

## **Business Consultancy**

We were involved in making a Presentation & to do a Workshop on Value Chain, Marketing, Sustainable Enterprise Development in rural areas of Nepal for Agriculture products. Similarly involved in the Tea Development Board.



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## PRODUCTS

### Human Resource Management System – Resource MAP

Human Resource Management System (HRMS), is basically an intersection of human resources and information technology through the software. This allows HR activities and processes to occur electronically. The terms “human resources management and “human resources” (HR) have largely replaced the term “personnel management” as a description of the processes involved in managing people in organizations. Simply, it is a web application that offers an end- to-end solution for your workforce management.

### Agriculture Platform - Digital Krishak (Digital Farmer)

Digital Krishak platform is an AgriTech Platform which not only connects farmers with demand and Supply chain through its B2B and B2C Marketplace but also enhances their capabilities through Training Portal and Intellectual Forum for the communication with Technological people for support and services. Also moves the Farmer towards modernization through Resource Market and Machinery Market. In general, it is a platform for converting private markets to public markets to democratize the Agricultural Industry.

### Customer Feedback

It is used to improve the operational side of business-like product management, customer support, increasing dedication, empowering verbal communication and account management.



## **MAJOR WORK DONE**

### **Leading The Digital Financial Services**

Reducing Digital Gap between Financial Instruments Provider and Consumers

### **Connecting Payments With The Retail Channel**

Driving the digital transformation of Retails for border ecosystem

### **Democratizing The Agriculture Ecosystem**

Empowering current agriculture stakeholders with Digital Channels, Financial Instruments and Freedom

### **Financial Services**

Creating Private, Modern and Secure Channels to utilize different Financial Instruments – Saving, Loan, Payments, Insurance and Trading.

### **Agriculture Ecosystem**

Devising the solution for democratizing the current private market towards public markets by making it community driven by using the strength of current stakeholders -Farmers, Market Makers, FIs and Governing Body.

### **Retail Networks**

Not only Business Transformation towards Digitalization, but also to Modernize them to radically cut down the current digital gap and gain early competitive advantage.



# IT AUDIT AND ASSESSMENT

## Administrative Assessment

- Management reporting structure and controls Company Policies and Procedures Remediation and escalation path
- Audit logs of implementation and adoption thereof
- Vendor agreements and/or privacy and/or security statements, including any connectivity and access, and custodial and/or management of Protected Information
- Interviews of the same to determine alignment with provided documentation.

## Deliverables and Time Frame

### IT Audit and Assessment

- Executive Summary
- CRIS Risk Index Score
- Threat Impact Analysis
- Recommendations, narrative form
- Policy Templates, where applicable and/or gaps are found
- Asset Tracking Database form containing the identified inventory
- Categorization and Classification identifiers
- Change Control policy and document(s)/form(s)

### Plan of Action and Milestones (POAM)

- Work plan that identifies risks found in the technical infrastructure.
- Recommendations for remediation and mitigation strategies to close the identified gap(s)

Estimated time to complete this project is 8 Weeks after commencement of the contract. During the initial stages of project planning one of the main objectives is to get a realistic estimation of time to complete. Estimating the time to complete is one component of the project plan.

When you get to the bottomline in our business, it is always the people who make the difference. How they work with your people, use the firm's resources, and recognise your needs are important criteria for evaluating the engagement team.



## Our fee philosophy

Our objective is to provide outstanding service at reasonable cost. Our fees will be commensurate with the level of experience and effort required to complete the assignment.

- o Payment Terms:

50% advance along with work order and 50% on completion of auditing assignment and submission of draft audit report.

At the end of the consulting period, The deliverables for this technical consulting shall be delivered as a documentation which lists defined roadmap with its implementation status and remarks if any. Company shall be responsible for the implementation or execution of the plan formulated within this IT Audit consulting.



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## APPENDIX A

### Our Experience in ICT Audit/Consultancy (Agreed to Disclose Clients Only)

<b>Assignment Name: VAPT, ISO 20071, SOC I Preparation and SOC II Preparation</b> <a href="https://isendglobal.com/contact">https://isendglobal.com/contact</a>	
Country: Singapore	Name of Client: Isend Pte. Ltd.
Description of Project: <ul style="list-style-type: none"><li>● Vulnerability Assessment</li><li>● Penetration Test</li><li>● ISO 27001: Registration</li><li>● ISO 27001: Implementation</li><li>● SOC I Preparation</li><li>● SOC II Preparation</li></ul>	

<b>Assignment Name: Consulting for the Insurance Merger</b> <a href="https://hei.com.np/">https://hei.com.np/</a>	
Country: Nepal	Name of Client: Himalayan General Insurance and Everest Insurance Company
Description of Project: <ul style="list-style-type: none"><li>● Preparing the Technical Readiness for the first Insurance Company merger in Nepal</li><li>● Important Technical Decisions for Software Selection and Software Readiness for supporting different Policies and align with new operating guidelines</li><li>● Creating the scalable and Cost Efficient Combine Network</li><li>● Developing the Guidelines for Technological policies within the new corporate entities</li><li>● Identifying the Gap and providing the solution as Technical Decisions for single entity operation</li></ul>	



**Assignment Name: GEA Field Audit**

Country: Nepal

Name of Client: Ministry of  
Communication and Information  
Technology  
Department of Information Technology

**Description of Project:**

Department of Information Technology's GEA project to audit 25 Government Offices (Ministry and Department offices) in following Artifacts.

- Software & Artifacts Collection
- Project Artifacts
- Specifications & Requirements of Software
- RFP Validation
- General Principles of Softwares Development
- Source Control
- Code review
- Certified Secure Web Application Security
- Operations and Maintenance
- Software Quality Assurance (QA) Best Practice
- Test Readiness Review (TRR) Criteria





<b>Assignment Name: Vulnerability Assessment and Penetration Testing (VAPT)</b> <a href="https://saharanepal.coop.np/">https://saharanepal.coop.np/</a>	
Country: Nepal	Name of Client: Sahara Nepal Saving and Credit Cooperative Ltd.
<b>Description of Project:</b> <ul style="list-style-type: none"> <li>● VAPT for CBS, Mobile banking and its used infrastructures including Cloud, OS, Database, Network System, Web Applications, API, Mobile Applications,</li> <li>● Above VAPT need to consideration of Open Web Application Security Project (OWASP) top 10 while conducting VAPT: SQL Injection, Broken Authentication, Sensitive Data Exposure, XML External Entities (XXE), Broken Access control, Security misconfigurations., Cross-Site Scripting (XSS), Insecure Deserialization, Cross-site forgery, Insufficient logging and monitoring and also include "Expected Outcomes and Deliverable".</li> <li>● Gave technical advice for the bidding committee to select a vendor for subcontracting a project, or for services that are required for a project.</li> </ul>	

<b>Assignment Name: Smart Sewa</b> <a href="https://smartsewa.com.np/">https://smartsewa.com.np/</a>	
Country: Nepal	Name of Client: Smart Sewa Solutions Pvt. Ltd.
<b>Description of Project:</b> <ul style="list-style-type: none"> <li>● Developed System Architecture</li> <li>● Developing Mobile Apps (iOS, Android) to get service from listed professional person.</li> <li>● Software Quality Assurance (QA) Best Practice.</li> <li>● Mobile Apps Code review</li> <li>● Certified Secure Mobile Application Security</li> <li>● Test Readiness Review (TRR) Criteria</li> </ul>	



**Assignment Name: Nepal's Increased Sustainable Tea Exports System**

<https://www.teacoffee.gov.np/>

Country: Nepal

Name of Client: National Tea and Coffee Development Board

Description of Project:

- Preparing TOR for "Developing & Introducing Sustainable Traceability system in Organic Orthodox tea supply chains".
- VAPT for Sustainable Traceability system in Organic Orthodox tea supply chains including Cloud, OS, Database, Network System, Web Applications, API, Mobile Applications,
- Above VAPT need to consideration of Open Web Application Security Project (OWASP) top 10 while conducting VAPT: SQL Injection, Broken Authentication, Sensitive Data Exposure, XML External Entities (XXE), Broken Access control, Security misconfigurations., Cross-Site Scripting (XSS), Insecure Deserialization, Cross-site forgery, Insufficient logging and monitoring and also include "Expected Outcomes and Deliverable".
- Gave technical advice for the bidding committee to select a vendor for subcontracting a project, services that are required for a project.

**Assignment Name: Digital ID Card Development and Deployment & Digital QR Code Scanner Supply**

<https://www.chhimekbank.org/>

Country: Nepal

Name of Client: Chhimek Laghubitta Bittiya Sanstha Ltd.

Description of Project:

- Preparing TOR for " Digital ID Card Development and Deployment".
- Developing the Guidelines for Technological policies within the new supply entities
- Identifying the Gap and providing the solution as Technical Decisions for development & Identifying quality products.
- Gave technical advice for the bidding committee to select a vendor for subcontracting a project, or for purchasing products and services that are required for a project.



## APPENDIX B

### Details of Dr. Pawan Kumar Sharma as Primary Consultant

Dr. Pawan Kumar Sharma  
245, Gaurighat Marg, Ward No. 7  
Kathmandu, Nepal  
Mobile: +977 98510 41128  
eMail: pawan.mct@gmail.com  
Update this CV: 1<sup>st</sup> Jan, 2023



Linkedin: <https://www.linkedin.com/in/pawanmct/>

www: <https://pawanksharma.com.np/>

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Dr. Pawan Kumar Sharma is always seeking a challenging role as a Cyber Security Consultant where I can utilize my extensive knowledge and experience in security frameworks, regulations, and technologies to help companies secure their information systems and data.

#### Key Skills:

- Certified Information Systems Auditor (CISA)
- Extensive knowledge of security frameworks and regulations (NIST, ISO 27001, PCI DSS)
- Certified Ethical Hacker (CEH)
- AWS Certified Security - Specialty
- Certified Master SOC2 Implementer
- Hands-on experience with security tools such as firewalls, intrusion detection systems, and security information and event management (SIEM) solutions.
- Strong analytical skills and ability to identify and resolve complex security issues.
- Excellent communication and interpersonal skills with the ability to work with technical and non-technical stakeholders.

With my deep understanding of cyber security, combined with my technical skills and experience, I am confident that I would make a valuable addition to any organization's security team.

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## **Education:**

- **PhD (2011-2015)**
  - Singhania University, India: Supervised by Dr. Sateesh Kumar Ojha
  - Thesis Title: "FUNDAMENTAL PROGRAMMING LANGUAGE ON .NET C# AND .NET VISUAL BASIC" [Actor Theory Comparison with Java Language]
  - Viva theme 'NEED OF PROGRAMMING LANGUAGE FOR MIS EFFICIENCY IN NEPALESE ORGANIZATIONS'.
- **MCA Specialized in Networking and Data Mining Master of Computer Application (Full 3 Years)** Sikkim Manipal University, India (2014)
- **MBA Specialized in System**
  - **Master of Business Administration (Full 2 Years)**  
Sikkim Manipal University, India (2009)

## **Some Research Publications - Article on International Journals:**

- Title "**Optimized Deep Neuro Fuzzy Network for Cyber Forensic Investigation in Big Data-Based IoT Infrastructures**"
  - International Journal of Information Security and Privacy DOI: 10.4018/IJISP.315819
- Title "**Cyber Forensic Investigation in IoT Using Deep Learning Based Feature Fusion in Big Data**"
  - International Journal of Wireless Information Network (Springer Link)
- Title "**Name Space in technology Pathway Devices**"
  - A Bi-annual South Asian, Journal of Research & Innovation Volume 3, Issue3, ISSN: 1608-6627
- Title "**.Net Framework From Birth to Open Source**"
  - A Bi-annual South Asian, Journal of Research & Innovation Volume 4, Issue 4, ISSN: 1608-6627

## **Software Development, Services, Security and Consultant:**

- Nov 2022– Present

### **Three Monks Pvt. Ltd.**

Co-founder/Chairman, Three Monks Pvt. Ltd. established in 2013 to cater the growing needs in the space of technical expertise with special focus on Digital Financial Services,



Money Transfer Business and Entertainment Companies. Three Monks is dedicated to providing the high quality of services to its clients and has been consistent with its service quality since its establishment, which has been the key factor for its growing success around the globe.

- Sep 2021– Nov 2022 (1 yr 2 mo)

**Genese Solution Pvt. Ltd.**

Chief Technical Officer, Genese Solution is a technology service company leading digital transformation with roots in Cloud Computing, Cloud Native Software Development & Cloud Security.

- Dec 2018– Sep 2021 (2 yrs 10 mo)

**Three Monks Pvt. Ltd.**

Co-founder/Chairman, Three Monks Pvt. Ltd. established in 2013 to cater the growing needs in the space of technical expertise with special focus on Digital Financial Services, Money Transfer Business and Entertainment Companies. Three Monks is dedicated to providing the high quality of services to its clients and has been consistent with its services quality since its establishment, which has been the key factor for its growing success around the globe.

- 2016 – Present

**Virinchi Group** (Virinchi International College, and Virinchi College)

**Program Director:** Group of College serving under-graduate, post graduate and also MPhil/PhD programs in IT and Management to the students in Nepal.

- 2017 – Vol. 1, Vol. 2, Vol. 3

**ICT Nepal**

Founder/Editor/Chairman

Monthly Magazine on Information Communication and Technology (ICT), this magazine is to our readers, society, community, government and the entire ICT sector of the Country.

**Project Category/Experience:**

Fintech, Digital Agricultural (including various portal viz. training, investment, purchase,



sales, traceability, machinery), Cyber Security, Government, Corporate, Education, IS Auditor, Consultancy on IT/ICT.

**Professional Career:**

- 2000 - 2009

Nepal CSI Development Bank Ltd.

One Branch

As System In-charge

Reporting Status: Deputy General Manager

- 2009 - 2013

Manakamana Development Bank Ltd.

14 Branches, 1 ATMs

As Head Information Technology

Reporting Status: Chief Operating Officer

- 2013 - 2016

Mahalaxmi Dev. Bank Ltd (Merged with Yeti Development Bank Ltd.)

25 Branches, 20 ATMs

Head – Information Technology, Electronic Payment Systems (Cards), Information Security Officer,

As Deputy Manager - Information Technology & Cards

(Looking after all Information Technology & Electronic Payment Systems (Cards)

Division as well as Departments viz. , Data Centers, Disaster Recovery sites,

Database Server, Report Servers, Security Servers, Network Appliances)

**Reporting Status: Chief Executive Officer**

- 2016 - 2018

M. Nepal Limited

General Manager

Manage Overall Office of Financial Technology and get LOI for PSO from Central Bank of Nepal

Reporting Status: Chairman



- 2018 - 2021

Three Monks Pvt. Limited

Chairman

Manage Overall Company with the help of the CEO.

Reporting Status: BOD

- 2021 - 2022

Genese Solution Pvt. Limited

Chief Technical Officer

Looking after Tech for all company (7 Country)

Reporting Status: Global Chief Technical Officer

- 2022 - Present

Three Monks Pvt. Limited

Chairman

Manage Overall Company.

Reporting Status: BOD

### **Cyber Security and Consultancy:**

- 2018 – 2019

J&D Pvt. Ltd.

Lead/Primary Consultant for Security and ICT.

- 2019 – Present

Infinity I.C.T. Services Pvt. Ltd.

Executive Primary Consultant for Security and ICT. Infinity I.C.T. Service (IICT) is a professional security and audit advisory team, extending a comprehensive range of services to customers of various individuals as well as business. IICT is an IT company focused primarily on providing Cyber Security, VA/PT solutions, IS Audit/Security Solutions, Digital Forensics, IT Policy Formulation (Documents Related to Management System, Risk Management, Information Security Controls, Internal Audit), all level of IT





Consultation, Enterprises Level Application Development, IT Services, Digital Literacy and Report compilation with the Art of Technology. IICT has earned experiences as well as reputation by working with many private as well as governmental organizations and helping them to minimize risk arising from digital operations with its various assets including humans.

- 2019 – 2021

Young Minds Creation Pvt. Ltd.

Project based various high-level roles. Young Minds is a professional software development company, developing custom software, mobile applications, ultra-responsive, retina-ready websites as per the need & demand. And also provide all kinds of ICT, IS Security Audit, Cyber Security & Crime Consultancy etc.

**Some of the International Recognized Certificates:**

Microsoft Certified Trainer Regional Lead for Nepal

Microsoft Certified Trainer

Microsoft Certified System Engineers

Microsoft Certified Database Administrator

Microsoft Certified Application Developer

Microsoft Certified Business Management Solutions Specialist

EC-Council, Certified Ethical Hacker

Oracle Certified Associate

Cisco Certified Network Associate

ISACA's COBIT 5

AWS Cloud Practitioner Essentials

ITIL Foundation

ISACA's CISA

Strategic Leadership Framework

Various Central Bank Related Seminars

The Practical Way of Project Management

AWS Cloud Practitioner Foundational

AWS Solutions Architect Associate



## Lecturer and Positions Held

Designation	Affiliation	Duration
Lecturer	Institute of Engineering Pulchowk, TU, Nepal	Since 2022
Lecture	King's College, Nepal	Since 2021
Faculty Professor Position	Nepal Online University, Nepal	Since Aug 2019
Faculty Professor and Program Director for ICT	KFA, Nepal	Since Apr 2017
Program Director/Faculty Professor/Phd and MPhil Supervisor	Virinchi International College, Nepal	Since Feb 2015
Thesis Supervisor for MPhil and PhD	Asian Electronics University, Malaysia	Since April 2016
Faculty Professor for ICT and Management	Texas International College, Nepal	Since July 2018
Thesis Supervisor for MPhil and PhD	Lincoln University College, Malaysia	Since Sep 2020
Thesis Supervisor for MPhil and PhD	Career Point University, Kota, Rajasthan, India	Since Oct 2018
Many more....		

## Some of the Project run as Team Leader with Security experts focussed role:

Project Name: SWIFT Audit
Project Role: Team Leader /Project Manager/System Analyst



Client: Nepal Bank Ltd.

Objective: VAPT for CBS, Mobile banking and its used infrastructures including Cloud, OS, Database, Network System, Web Applications, API, Mobile Applications

Project Name: VAPT, ISO 27001, SOC I, SOC II.

Project Role: Team Leader /Primary Consultant

Client: iSend Remit, Singapore

Objective: VAPT, ISO 27001 Registration, SOC 1 and SOC Preparation. Which will ensure data privacy as well as client's data protection.

Project Name: Project Report and Detail Software Dev for e-PoU Exam Management

Client: Pokhara University Office of the Controller of Examinations

Category: Education

Project Role: Team Leader

Objective: RFP working with GEA and NIST based cyber security design

Project Name: Software sync Management and support

Client: Ministry of Home Affairs (MOHA)



Category: ServicesProject
Project Role: Team Leader
Objective:Existing software sync with MIS, assure data encryption in transit and in rest then upgrade the system and support

Project Name: DAAS Software upgradation and support
Client: Ministry of Home Affairs (MOHA)
Category: ServicesProject
Project Role: Team Leader
Objective:Software upgradation, data entry, support services and VAPT report

Project Name: DRR Web Portal Up Gradation
Client: Ministry of Home Affairs (MOHA)
Category: ServicesProject
Project Role: Team Leader
Objective:Web Portal update from static to dynamic and crm based present OWASP report.

Project Name: MIS Ethical
Client: National Health Research Council (NHRC)



ISO 27001:2022



Category: ServiceProject
Project Role: Team Leader
Objective:Development of software for ethical review system development journal management system redesign, firewall setup, server migration and system setup, Interactive and dynamic NHRC webpage/web portal that integrates all above services.

Project Name: Management Information System
Client: Cooperative Association Ltd. Nepal
Category: Services
Project Role: Team Leader
Objective:Prepare Central Dairy system for Cooperative association with online CRUD and implement security best practices.

Project Name: Population Management Information System
Client: Ministry of Health and Population
Category: Service
Project Role: Team Leader/Project Manager/System Analyst
Objective:MIS system develop and added reporting module with fetching required minimum information in view with security purpose

Project Name: Customization of Citizenship Information Management System CIMS with Data Migration
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ISO 27001:2022



Client: Ministry of Home Affairs

Project Role: Team Leader/Project Manager/System Analyst

Objective: Some Customization on existing Information Management System and migrate data to new system with encryption inbuilt and MIS Reporting

Project Name: Gorkhapatraonline.com

Client: Gorkhapatra News Category: Service

Project Role: Team Leader/Project Manager/System Analyst

Objective: Design and develop online portal for Gorkhapatraonline.com and various security layered user management

Project Name: MIS Development and Consultancy

Client: Governance Facility for Management Firms

Category: Management

Project Role: Team Leader/Project Manager

Project Name: Case File Management Information System Development and Consultancy



Client: Nepal Police Headquarter
Category: Services
Project Role: Team Leader/Project Manager/ System Analyst
Objective:Case File Management Information System Development and also Consultancy, online system with DR, backup services

Project Name: Inventory Management Software for Logistics Units of National Center for Aids and STDs Control (NCASC)
Client: FHI 360
Category: Consultancy
Project Role: Team Leader/Project Manager
Objective:Inventory Management Software build for Logistics Units of National Center for Aids and STDs Control project.

Project Name: Designing and developing re-source web portal and online database system
Client: NRREP - Alternative Energy Promotional Center
Category: Services
Project Role: Team Leader/Project Manager/System Analyst
Objective:Designing and developing resource web portal for online database system.





Project Name: Establishing Online Monitoring Software of RSC Performance
Client: NRREP - Alternative Energy Promotion Center
Category: Service
Project Role: Team Leader/Project Manager/System Analyst
Objective: Alternative Energy Software for MIS, application will monitoring software performance.

Project Name: Up gradation and development of Library MIS software
Client: Ministry of Health and Population/
Category: Service/Consultation
Project Role: Team Leader/Project Manager/System Analyst
Objective: Upgrade existing legacy system of Library and maintain online base system.

Project Name: Online Exam Form Application Portal - Online Database for Scholarship Management and Exam
Client: Ministry of Education
Category: Education
Project Role: Team Leader/Project Manager/System Analyst
Objective: Online database based web portal, form based exam for Scholarship



Project Name: Establishing Online Monitoring Software of DEECSS Performance
Client: District Environment Energy and Climate Change Section
Category: Services
Project Role: Team Leader/Project Manager/System Analyst
Objective: Online monitoring services for client of DEECSS to know the performance of Climate change

Project Name: Migration Social Inclusion Atlas Ethnographic Profile Development
Client: Tribhuwan University, Central Department of Sociology and Anthropology/Education
Category: Education
Project Role: Team Leader/System Analyst
Objective: Database design, old database migration and go live

Project Name: Development of Web Portal for Global Dimensions in Engineering Education (GDEE)
Client: GDEE Practical Action
Category: Education
Project Role: Team Leader/Project Manager/System Analyst
Objective: Prepare whole web portal for GDEE with MIS



Project Name: Development of Mobile Application for Android, IOS and Windows Platform
Client: World Link Communications Pvt. Ltd./
Category: Communication
Project Role: Team Leader/Project Manager/System Analyst
Objectives:Client connect system with Android, Apple and Windows platform apps.

Project Name: Development of MIS with Mobile App
Client: Pranab Saving and Credit Cooperative Limited
Category: Finance
Project Role: Team Leader/Project Manager/System Analyst
Objective:Deposit Withdrawal MIS development and IOS, Android application development

Project Name: Development of Cooperative and Credit MIS
Client: Pranab Saving and Credit Cooperative Limited
Category: Finance
Project Role: Team Leader/Project Manager/ System Analyst
Objective: Loan workflow and mis management system.



Project Name: Financial Management Information System (FMIS)
Client: Shield Shaving and Credit Cooperative Limited
Category: Financial
Project Role: Team Leader/Project Manager/System Analyst
Objective: User based authentication and analysis based working

Project Name: LMBIS
Client/Category: Ministry of Finance
Category: Government
Project Role: Team Leader/Project Manager/System Analyst
Objective: Prepare a MIS system for saving staff time.

Project Name: Scholars Evaluation and Record Keeping System
Client: Ministry of Health and Population
Category: Government
Project Role: Team Leader/ Project Manager
Objective: Prepare on-line portal with record keeping of Scholars evaluation system



Project Name: Intranet Web Portal With SMS System
Client: Ministry of Home Affairs Web Portal With SMS System
Category: Government
Project Role: Team Leader/Project Manager/System Analyst
Objective: In-house communication portalSMS system integrated to send push message

Project Name: Develop Customer Relation Management Software
Client: AlfaBeta
Category: Education
Project Role: Team Leader/Project Manager/ System Analyst

Project Name: Case Management and Library Management System
Client/Category: Sunshine Law Firm
Category: Law
Project Role: Team Leader/Project Manager
Objectives:Transfer manual system of Case Management and document management to digital web based technology



ISO 27001:2022



Project Name: Co Operative and Credits Management Information System
Client: Kamad Multipurpose Cooperative Limited
Category: Finance
Project Role: Team Leader/Project Manager/System Analyst
Deliverables:Extract MIS Credit Report from existing access database system.

Project Name: Hospital Management System
Client/Category: Motherland Hospital Pvt. Ltd.
Category: Hospital
Project Role: Team Leader/Project Manager/ System Analyst
Deliverables:Added facility of MIS in existing system by pulling data from database system.

Project Name: Hospital Management System
Client/Category: Kshemadevi Polyclinic Pvt. Ltd.
Category: Hospital
Project Role: Team Leader/Project Manager/ System Analyst
Deliverables:Added facility of MIS in existing system by pulling data from legacy database system.



Project Name: Electronic Work Planning and Budgeting (e-AWPB)
Client: Ministry of Health and Population
Category: Government
Project Role: Team Leader/Project Manager/System Analyst
Objective: Incorporate MIS system to existing system

Project Name: Revision of Electronic Work Planning and Budgeting (e-AWPB)
Client: Ministry of Health and Population
Category: Government
Project Role: Team Leader/ Project Manager / System Analyst
Description: Monitoring, Evaluation and Budget Planning

Project Name: Human Resources Management System (HuRIS)
Client: MIS Ministry of Home Affairs
Category: Government
Project Role: Team Leader/ Project Manager/ System Analyst
Objective: Prepare MIS system for existing system and integrate it with MIS reporting system.





Project Name: MIS for Ministry of Youth and Sport
Project Role: Team Leader /Project Manager/System Analyst
Client: Youth Information System Software
Objective: Upgrade database server Connect Database Transfer decentralized database to centralized database Fetching various reports from existing database

Project Name: Nepal's Increased Sustainable Tea Exports System
Project Role: Team Leader /Project Manager
Client: Nepal Tea & Coffee Development Board
Objective: Bid selection team for Nepal Tea & Coffee Development Board for Project "Nepal's Increased Sustainable Tea Exports System"

Project Name: VAPT for CBS and Mobile banking
Project Role: Team Leader /Project Manager/System Analyst
Client: Sahara Nepal Saving and Credit Cooperative Ltd
Objective: VAPT for CBS, Mobile banking and its used infrastructures including Cloud, OS, Database, Network System, Web Applications, API, Mobile Applications



Project Name: Nepal's Increased Sustainable Tea Exports System
Project Role: Team Leader /Project Manager/System Analyst
Client: Sahara Nepal Tea & Coffee Development Board
Objective: VAPT for Sustainable Traceability system in Organic Orthodox tea supply chains including Cloud, OS, Database, Network System, Web Applications, API, Mobile Applications.

Project Name: Digital ID Card Development and Deployment
Project Role: Team Leader /Project Manager
Client: Chhimek Laghubitta Bittiya Sanstha Ltd.
Objective: Preparing TOR and in Bid selection team for "Digital ID Card Development and Deployment".

**Associations:**

- Federation of Computer Association Nepal:
 

1996 – 2011:	Individual Member
2011:	Life Member
2012 – 2017:	Executive Member
2017 -2019:	Secretary
2019 – 2022:	Treasurer
- Internet Society Nepal Chapter                      Life Member
- Center for Cyber Security and Research Innovation Nepal (CSRI): Senior Founder Board Member and Senior Vice President
- PhD Scholar Association of Nepal:Life Member
- Ambassador for Nepal: Agora Speakers International (2016-Till Date)
- Management Association of Nepal: Life Member



## Details of Hridaya Man Shrestha as Second Consultant

HRIDAYA MAN SHRESTHA

House # 9, Abhibyakti Marg, Nawalitole,

Jayabageshwori Kathmandu, Nepal

Tel. No. +977-1-458 1517

Mobile No. +977-984 129 1242

email: hridaya.shrestha@gmail.com



### EXPERIENCE

Employer's Name	Role	Brief Description of Duties	Dates Employed
Three Monks Pvt. Ltd.	CEO	Full responsibilities for Day to Day Operation	Jan. 2019 to till
	Business Unit Head	Full responsibilities for Day to Day Marketing & Business.	
Resonance Nepal Pvt. Ltd.	IT and Call Center Coordinator	POS Installation and arrange for Deployment.	Aug. 2013 to Jan. 2019
KFA Business School	Faculty Instructor	Deliver on "Fundamentals of Computer" to BBA & BHM "Advance Excel & PowerPoint" to MBA and for Banking Trainers.	Sept. 4, 2012 to till
Virinchi College	Faculty Instructor	Deliver on "Programming Language", "Computer Graphics Animation" to BICT, "Cyber Ethics" to MBA	March 2013 to till
Envision Nepal	Executive Director	Full responsibilities for Day to Day Operation	Jan 3, 2012 to till



Employer's Name	Role	Brief Description of Duties	Dates Employed
DHL Express Nepal (Pvt.) Ltd.	QCC Executive (Operation Performance Analyst)  CS Executive IT Executive          Telemarketing Executive	Transit Time, RDD, DRT, Operation Training, COA, BOS, CU, Monitoring Incident etc.  Tracing, Handling Customers, Managing Hold shipments (HIC) etc.  Support the Internal Customer, Network Service user from different branches & departments. Contact companies and individuals currently not holding an account confirm customer details and identify traffic profiles thereby assessing quantity and quality of future business.  Qualify all internal and external leads.  Update all activities in COMET (DHL Sales Reporting Tool) in a timely manner.	Nov 27, 1999 to Jan 2, 2012
Nepothene Group of Industries	Computer Supervisor cum Account Officer	Bookkeeping, Inventory, Payment, Trial Balance, Account keeping in Computer (Self Programmed package in Fox Pro 2), Preparations of Financial Statements, Committee members to complete final Audit, Administrative works etc.	July 1, 1991 to Nov. 27, 1999
Computer Links (Pvt.) Ltd.	Computer System Supervisor	Conducting Training, Assembling Computers, Networking & Software Installation etc.	June 31, 1990 to Dec 31, 2009



## EDUCATION

- Passed S.L.C.
- Passed Proficiency Certificate Level in Business Administration
- Passed Bachelor of Computer Application (BCA) (2012)
- Passed Master of Science in Information Technology (MSc IT) (2014)

## EDUCATIONAL TRAINING

- Completed certification entitled "Certified Ethical Hacker (CEH)" from EC-Council (August 2022).
- Completed certification entitled "Certified Information Systems Manager (CISM)" from Information Systems Audit and Control Association (ISACA) (September 2020).
- Completed the program entitled "Instructional Skills Proof for MCT" from NIS Sparta Ltd., New Delhi (May 17, 2003 to May 18, 2003)
- Completed 2 days training on Web Page Design for Development Organizations conducted between March 28, 1999 to March 29, 1999.
- Completed 4 week course on FoxPro-2 in Computer Software in Dec. 7, 1994 AD (2051-08-21 B.S.).
- Diploma in Computer Hardware (Nov. 1, 1993)
- Completed 5 week course on Basic Programming in Computer Software Conduct Between May 5, 1992 to June 12, 1992.
- Completed 4 week course on Word Perfect in Computer Software on Jan. 20, 1992.
- Diploma in dBase III Plus Programming (Dec. 1, 1991).
- Diploma in dBase III Plus (Sept. 1, 1991)
- Completed 4 week course on Lotus 1-2-3 in Computer Software in March 7, 1991

## MICROSOFT CERTIFICATION STATUS

Credential	Certification / Version	Date Achieved
Trainer	MCT 2013	Since 2002
Microsoft Specialist	Programming in HTML5 with JavaScript and CSS3	November 29, 2012



Microsoft Certified Technology Specialist	Windows Server 2008 Active Directory: Configuration	January 22, 2008
Microsoft Certified Technology Specialist	Windows Server 2008 Network Infrastructure: Configuration	January 22, 2008
Microsoft Certified Technology Specialist	Windows Server 2008 Applications Infrastructure: Configuration	January 22, 2008
Systems Engineer	Microsoft Windows Server 2003	December 21, 2003
Systems Administrator	Microsoft Windows Server 2003	December 21, 2003
Database Administrator	Microsoft SQL Server 2000	December 08, 2002
Systems Engineer	Microsoft Windows 2000	December 08, 2002
Systems Administrator	Microsoft Windows 2000	December 01, 2002
Professional	MCP 2.0 -- Certified Professional	November 26, 2002

#### OTHER TRAINING

- Service Center Management -Leadership In Action course from Asia Pacific Learning Center, Singapore (March 19- March 23, 2007)
- Data Cleansing & Classification (DCC) at DHL Country Office, Mumbai, India (June 8 - June 9, 2006)
- Ops Performance Analysts Training Program at DHL Country Office, Mumbai, India (Nov. 23 - Nov. 24, 2005)
- Electronic Service Directory (ESD) at DHL Country Office, Mumbai, India (Nov. 22, 2005)
- Ground Operations Processing (GOP) & Personal Computer Ground Operations Processing (PCGOP) from ITSC, Malaysia (Sept. 15- Sept 16, 2005)
- Unified Airline System (UAS) & Operations Update Reporting System (OURS) from BKK HUB, Bangkok (April 4 - April 6, 2005).
- Global Service Desk (GSD) from ITSC Malaysia (May 6 - May 7, 2004).
- Shipment Tracing Module (STM) & Customer Service Module (CSM) from ITSC Malaysia (Aug. 26 - Aug 30, 2002)

#### PROJECTS

- As a Technical Consultant Audited for SWIFT in Nepal Bank Limited from CryptoGen Nepal.
- As a Technical Consultant for VAPT, ISO 27001, SOC I, SOC II, audit in iSend Remit, Singapore from Three Monks Pvt. Ltd.



- As a Technical Export audited 25 Government Offices (Ministry and Department offices) for the Department of Information Technology's GEA project.
- As a Technical Consultant VAPT for CBS, Mobile banking and its used infrastructures including Cloud, OS, Database, Network System, Web Applications, API, Mobile Applications for Sahara Nepal Saving and Credit Cooperative Ltd.
- As a Technical Consultant VAPT for Sustainable Traceability system in Organic Orthodox tea supply chains including Cloud, OS, Database, Network System, Web Applications, API, Mobile Applications for Nepal Tea & Coffee Development Board for Project "Nepal's Increased Sustainable Tea Exports System"
- Partnership Various Implementation, Client: Blockgration Inc., Country: Around the Globe
- Digital Wallet System, Client: Enet Payment, Digital Wallet System
- RTGS GL Interface, Client: Nepal Rastra Bank, Country: Nepal
- Insurance and Agent Complete System, Client: Reliable Insurance, Country: Nepal
- Customer Feedback System, Client: NCC Bank, Country: Nepal
- WOFOWON, Client: Women Forum for Women in Nepal, Country: Nepal
- Agriculture Payment System/Marketplace, Client: AWI Pay, Country: Jamaica
- SeeTek Payment System, Client: SeeTek LLC, Country: Canada
- Reliable Premium Calculator, Client: Reliable Life Insurance Pvt. Ltd., Country: Nepal
- TOR for Traceability system in Tea sector in Nepal, Client: Nepal Tea & Coffee Development Board, Country: Nepal
- As a Consultant in Nepal Tea & Coffee Development Board for Project "Nepal's Increased Sustainable Tea Exports System"
- As a Technical Export in Bid selection team for Nepal Tea & Coffee Development Board for Project "Nepal's Increased Sustainable Tea Exports System"
- As a Technical Consultant and desires to get the Technical system for the single entity operation between Himalayan General Insurance Limited and Everest Insurance Company Limited.
- As a Technical Consultant preparing TOR for "Digital ID Card Development and Deployment" for Chhimek Laghubitta Bittiya Sanstha Ltd.
- As a Technical Export in Bid selection team for "Digital ID Card Development and Deployment" for Chhimek Laghubitta Bittiya Sanstha Ltd.

#### OTHERS

- Can operate packages like Microsoft Operating System, Microsoft Office, PhotoShop, InDesign, Corel Draw, Adobe Premiere, Windows related Graphic Programs etc.
- Can teach any programming language viz. C, C++, C#, Java, CSS, HTML, etc.



- Have good knowledge about Banking Transaction i.e. Letter of Credit - (Import/Export), various types of loan (i.e. Hypothecation, Pledge, Trust receipts etc.), Guarantee, Bills Purchases etc.

### **INVOLVEMENT**

- Chartered Member of Kathmandu Speakers Club Nepal. Club no 5, Agora Speakers International.
- IPP of Kathmandu Speaker Club no 5, Agora Speakers International.
- Member of Lions Club of Pashupatinath, Lions Club International 325A1.
- Vice President of Lions Club of Pashupatinath, Lions Club International 325A1 LY 2021/2022
- President of Lions Club of Pashupatinath, Lions Club International 325E LY 2022/2023
- Advisor in Lions Club International 325A1 LY 2021/2022.
- District Chairperson in Lions Club International 325 A1 LY 2020/2021.
- Additional Cabinet Secretary, Lions Club International 325E LY 2022/2023
- Founder Member of Rural Enterprise Developer's [RED] Group, Pulchowk, Lalitpur
- Life time Membership in Computer Association of Nepal Federation (CAN), Khushibu, Kathmandu
- Member of Account Committee in Computer Association of Nepal Federation (CAN), Khushibu, Kathmandu
- Founder Member of SastoPashal.com, Gaurinagar, Kathmandu
- Member in Information Security Response Team Nepal (NPCERT), Shankhamool, Kathmandu
- Committee Member of “Cyber Security, Cyber Law and Regulations Committee” in CAN Federation, Khushibu, Kathmandu

### **WORKSHOP & PRESENTATION**

- Presentation on Architect and Consulting for CCTV Surveillance system at Pashupati Area Development Trust (Aug. 2012)
- Presentation on “Practices and Rules while building a Presentation & Present” for Daubar Nepal at Hotel View Bhrikuti, Godowari, Lalitpur organized by KFA Business School (Dec. 2012).
- Presentation on “Computer Related Crime under Electronics Transaction Act 2006” for Nepal Police Jointly organized by CAN Federation, Central Investigation Bureau and Internet Society Nepal (March 2013).
- Presentation on “Cyber Crime, Law & Security” for Class 9 & 10 students of Nandiratri School conducted by Women in ICT Committee CAN Federation (Oct. 2016).





- Presentation on “Cyber Crime, Law & Security” for School & College Students of Dhangadhi associated with CAN Federation Dhangadhi (Oct. 2016).
- Presentation on “Cyber Crime & How Forensic work, Electronics Investigation” for Nepal Police Jointly organized by CAN Federation, Central Investigation Bureau (June 2016).
- Presentation on “Cyber Crime, Law & Security” for Medical Students of Kathmandu University School of Medical Science, Dhulikhel (March 2017).
- Presentation on “Cyber Crime, Law & Security” for 11 and 12 class students of St. Xavier School, Jawalakhel (Aug. 2017).
- Presentation on “Skill Enchantment through NGN. How to make money from social networks (Youtube & Facebook)” for School & College Students of Surkhet associated with CAN Federation Surkhet (Nov. 2019).
- Presentation on “Skill Enchantment through NGN. How to make money from social networks (Youtube & Facebook)” for School & College Students of Sindhuli associated with CAN Federation Sindhuli (Nov. 2019).
- Participated as panelist on “IT Discussion” in KUHS IT Meet at Kathmandu University Dhulikhel (Feb. 2020)
- Workshop on “Skill Enchantment through IT” for Women of Dhangadhi (March 2022).
- Workshop on “Skill Enchantment through IT” for IT Workers of Nepalgunj (March 2022).
- Presentation on Traceability system Value Chain, Marketing, Sustainable Enterprise Development at Agriculture Development Board, Kathmandu Nepal from Three Monks Pvt. Ltd.
- Presentation on Traceability system Value Chain, Marketing, Sustainable Enterprise Development at Department of Information Technology (DOIT) from Three Monks Pvt. Ltd.
- Presentation & Workshop on Value Chain, Marketing, Sustainable Enterprise Development in rural areas of Ramechhap, Dolkha, Rasuwa, Ilam, Mawanpur and Lalitpur districts from Rural Enterprise Developer's [RED] Group.
- Workshop & Training on Shipment Tracing Module (STM) & Customer Service Module (CSM) at DHL International Thimpu, Bhutan.
- Presentation & Workshop on "Traceability system in Tea sector in Nepal Organic Orthodox Tea" to stakeholders as an export of Traceability system.
- Training on “Cyber Incident Response, Audio Forensics, Cyber-enabled Crimes, Cryptocrimes” for Nepal Police "Cyber Crime & Investigation (first responder) Level-I (SO/JCO) Training" 2nd Batch (Sept. 2022).



# Details of Dr. Suman Thapaliya as Consultant

Dr. SUMAN THAPALIYA

Kathmandu, Nepal, [suman.thapaliya0@gmail.com](mailto:suman.thapaliya0@gmail.com).

Cell No: 9851169733



## SUMMARY

I finished my undergraduate studies of “Computer Science” from London Metropolitan University, UK in 2013. Since then I have worked as a Network/System Engineer in one of the leading ISPs of Nepal.

Working under a core experienced and professional ICT team, I have in-depth understanding for Network planning and operations, Wireless Technologies, Telecommunications, Computer Networks and Video Surveillance.

To refine my knowledge, hone my skills and prepare me for the ever-increasing challenges of the competitive world, I left my JOB in 2015 and continued my postgraduate education. I finished my Master in Information Technology with thesis title “Implementation and adaptation of software engineering in software development” comparative analysis between Nepal and India from London Metropolitan University, UK 2017. I started my Ph.D. in 2018 in Information Security

(IS) Audit with research work entitled as ‘Information Security Audit: A Study for Security and Challenges in Financial Sector in Nepal – Comparative study between Nepal and India’.

With strong academic qualification, having sound working experience in the ICT sector and skilled inputs in the Security Domain. I am also decorated with global recognition certifications like CISA, CHFI, CEH, CEI, ISO 27001:2013, CCNA, RHCE, CISO and CISCO IT Essentials Instructor. Also, I am contributing at Udemy and Cybrary as Instructor and Mentor respectively.

## PROFESSIONAL HIGHLIGHTS

- Extensive technical and management experience in information systems technology with a solid academic background in computer information systems.
- Excellent command over communication and leadership skills.
- The ability to build cohesive, productive teams while fostering and encouraging creativity and individual expression.
- Area of expertise:
  - CISA Certified
  - Certified Master SOC2 Implementer
  - Digital Forensic (CHFI) Certified



- Digital Forensic (CHFI) Instructor
- CCNA Certified
  - CCNA Instructor
- Certified Ethical Hacker (CEH)
  - Ethical Hacking Instructor (CEH)
- Lead Auditor ISO 27001:2013
- CISCO IT Essentials Instructor
  - Cybrary Mentor
- Udemy Instructor

## **WORK EXPERIENCE**

Chief Executive Officer at CryptoGen Nepal

Head of IT Department: Texas Intl Educational Network

Texas Imaginology: Chief Executive Director (CED)

Infinity Pvt. Ltd: Lead Auditor

IT Manager at DS Accountants and Advisors (Australia)

Board of Advisory at IIE Australia

Former CEO at Lincoln Academy of Culinary and Hospitality Management (LACHM)

Former CEO at Sastopashal.com – Ecommerce

Former Onecover Pvt. Ltd: Chief Executive Officer (CEO)

Former Zukti Tech Pvt. Ltd: Chief Executive Officer (CEO)

Texas Int'l Educational Network is one of the most leading Educational Institutes in Nepal, established in 2009 and is running different wings.

Texas International College

Texas College of Management and IT

Texas International School

Texas International Montessori

Texas Int'l Educational Network is running various disciplines of courses like: BIT, BCS, BSC.Csit, BBA, MBA, BA, Science, Humanities, Management, Law and So On.

Former IT Manager: Softech Foundation Pvt. Ltd, Call Center: 2017 - 2019

Former Project Manager: Softech Foundation Pvt. Ltd, Data Digitization Project: 2017 - 2019

Significant Accomplishments

- Managed the implementation of configuration of Servers, Routers, Switch and AP between Ncell



Communications and Softech Foundation Pvt. Ltd.

- Significantly increasing efficiency in the use of corporate software.
- Developed a cohesive, productive work team of individuals from diverse areas of the organization, utilizing strong interpersonal and leadership skills to foster and encourage the team.
- System Engineer: Himel Technologies Pvt. Ltd: 2010 - 2012

## EDUCATION

Ph.D. Scholar, Lincoln University College, Malaysia (Expected to complete within June, 2023)

Master's Degree in Information Technology, London Metropolitan University, UK: 2017

Mini – MBA, International Business Management Institute, Berlin, Germany, 2020

Bachelor's Degree in Computer Science, London Metropolitan University, UK: 2013

## INTERNATIONAL EXPOSURE

1. Team leader: Olympics in Robotics, 2016: <http://robogames.net/events.php>
2. Presenter, Conference: Malaysia, 2018: <http://conference.lincoln.edu.my/>
3. Presenter, Conference: Singapore, 2018: <http://conference.lincoln.edu.my/>
4. Mentor at Cybrary: <https://app.cybrary.it/>
5. Instructor at Udemy: <https://www.udemy.com/instructor/courses/>
6. Instructor at CISCO: <https://www.netacad.com/portal/learning>
7. Instructor at EC Council: <https://aspen.eccouncil.org/CertifiedECCOUNCILInstructor>
8. Board of Advisory at IIE: <https://www.iie.edu.au>
9. Board of Advisory at LACHM: <http://www.lachm.com.np>

## SOCIAL PARTICIPATION

1. Cyber Security Research and Innovation Center: Secretary, <https://csrinepal.org/>
2. Information Security Response Team Nepal: Board Member, <https://npcert.org/>
3. Softech Research and Innovation Center: Board Member, <http://sricnepal.org.np/>
4. JCI Kapan: Executive Vice President, <http://www.icinepal.org.np/>
5. Computer Association of Nepal (CAN): Secretary, <https://www.can.org.np/>
6. Cyber Security Professional Association of Nepal: Founder
7. Robotics Association of Nepal: General Member: <https://www.ran.org.np/>



## AWARDS

1. Certified Information System Auditor (CISA)
2. Nepal's 1<sup>st</sup> Certified EC Council Instructor
3. Nepal's 50<sup>th</sup> ISO Lead Auditor 27001:2013
4. Nepal's 10<sup>th</sup> CISCO Academic Instructor
5. Nepal's Youngest Cyber Security Expert.
6. Nepal's Youngest PhD in IS Audit.
7. Youngest participant to get bronze medal in Robogames (Robotics Olympics) held at USA, San Francisco, 2018.

## TECHNICAL SKILLS

1. Networking
2. Cyber Security
3. Information System Audit
4. Information Technology Audit
5. VA&PT
6. Information Technology Consultant

## PERSONAL DETAILS

Name: Dr. Suman Thapaliya

Date of Birth: 20.04.1987

Nationality: Nepali

Permanent Address: Hadigaun, Kathmandu

Marital Status: Married

Father: Hari Krishna Thapaliya

Mother: Parbati Thapaliya

*I present my resume as the first step in exploring the possibilities of employment with your organization. I also declare that all the above information is true to the best of my knowledge*



# Details of Prateek Sharma Kharel as Consultant

## PRATEEK SHARMA KHAREL

Security Professional ,

+977 9861288909, prateekkharel@gmail.com

Experienced Security Professional skilled in researching, testing, and developing solutions for challenging problems in cyber-physical systems and enterprise information systems. Proficient in penetration testing and well-versed in various online security packages and tools. Seeking a position that offers increased responsibility and opportunities for professional growth.

## EXPERIENCE

### Infinity ICT Services Pvt. Ltd.

#### Cyber Security Associate

June 2021 – Dec 2022

- Conducted vulnerability assessments and penetration testing on SaaS products, providing detailed reports and assisting in resolving identified security issues.
- Played a key role in implementing SOC2 compliance measures, ensuring adherence to security standards and regulations.
- Actively participated in weekly vulnerability mitigation meetings, effectively addressing and mitigating common security threats to the company's applications and its clients.
- Collaborated with cross-functional teams to enhance the security posture of SaaS products, focusing on proactive vulnerability management.
- Assisted in the development and improvement of security protocols and procedures to safeguard sensitive data and mitigate risks.
- Acted as a subject matter expert, providing guidance and recommendations on security best practices to ensure the protection of customer data.

### Three Monks Pvt. Ltd.

#### Cyber Security VAPT Team Leader

Jan 2023 – Present

- Led a team of security analysts in conducting vulnerability assessments and penetration testing on SaaS products, ensuring thorough analysis and timely reporting of identified security issues.
- Oversaw the implementation of SOC2 compliance measures, ensuring the team's adherence to security standards and regulatory requirements.
- Facilitated weekly vulnerability mitigation meetings, guiding the team in addressing common security



threats and coordinating effective solutions for the company's applications and clients.

- Provided mentorship and guidance to team members, fostering their professional growth and enhancing their skills in cybersecurity.
- Collaborated with cross-functional teams to develop and improve security protocols, procedures, and best practices, resulting in enhanced protection of sensitive data and reduced risks.
- Acted as a liaison between the security team and upper management, providing regular updates, reports, and recommendations on cybersecurity initiatives, ensuring alignment with organizational goals and objectives.

### SKILLS

Languages: C/C++, Bash, Java, HTML, CSS, Python, Spring Boot

Operating Systems: Kali Linux, Windows, Android, iOS, Ubuntu, Rocky Linux, Amazon Linux II

Technologies & Tools: Putty, Jira, Burp Suite, Nmap, Metasploit, Beef Framework, Ettercap, Hydra, Wireshark, Aircrack-ng, Sqlmap, WinSCP, Android Studio, Visual Studio, Adobe Suite, Krita, Shodan, Metasploit

### EDUCATION

Asia E University, Malaysia — Bachelor Of Information Communication and Technology 2019-2023

### CERTIFICATIONS

AWS Certified Developer - Associate

Certified Ethical Hacker "CEH"

### ACTIVITIES

As a Cyber Security Team Leader and public speaker, I have led a team, implemented compliance measures, and delivered speeches on cyber security awareness in educational institutions and corporate clients.



# Details of Bishal Shrestha as Consultant

## BISHAL SHRESTHA

Security Researcher / Pentester

+9779804120642 [therbishal@gmail.com](mailto:therbishal@gmail.com)

Security Researcher, Pentester looking forward to craft solutions to difficult problems in survivable cyber-physical systems and enterprise information systems. Penetration tester with extensive experience of online security packages and tools. Seeking a position with more responsibility and room to grow.

### EXPERIENCE

#### Botsplash Onsite

##### Security Analyst 2021 – 2022

- As a security analyst worked in SaaS products for vulnerability assessment and pentesting and helped them by reporting and assisting them to fix those identified security issues.
- Worked in their soc2 compliance implementation.
- Participated in weekly vulnerability mitigation meetings, addressing common security threats to the applications of the company and its clients.

#### Eminence Ways Onsite

##### Security Researcher 2017– 2020

- As a pentester/security researcher worked in various private and public organization projects in vulnerability assessment and pentesting and helped them by reporting clients and assisting them to fix those identified security issues.

#### Bugcrowd, HackerOne, BugV Remote

##### Independent Security Researcher 2018– Present

- Diagnosed vulnerabilities such as SQL Injection, Remote Code Execution, Command Injection, Indirect Object References, Cross-Site Request Forgery, Server Side Request Forgery, Reflected XSS, Stored XSS, Clickjacking, Insecure CORS, Misconfigured SPF record, SSRF, HTML Injection, Host Header Injection Attack, Open Redirection.
- Verified bugs using tools like Burp Suite, Nmap, Nikto, Sqlmap, Wireshark, Dirsearch.

### SKILLS

**Languages:** C/C++, Bash, JavaScript, HTML, CSS, PHP, Python

**Operating Systems:** Kali Linux, Windows, Android, iOS, Ubuntu





**Technologies & Tools:** Burp Suite, Nmap, Metasploit, Beef Framework, Ettercap, Hydra, Wireshark, Aircrack-ng, Sqlmap, PuTTY, Android Studio, Visual Studio, Adobe Suite, Shodan, Metasploit

## EDUCATION

**Purbanchal University** — Bachelor Of Computer Application JUL 2017 - AUG 2023(Expected)

## AWARDS & ACKNOWLEDGEMENTS

**Hall of Fame:** Dell, Sony, Facebook, Fiverr, Signup, Microsoft, Eset, Opera, Broadway Infosys Nepal

**Swag:** Sony, Fleep, Edmodo

**Winner:** Global Cyber Summit 2018 Hackathon

**Second Place:** NepHack Capture The Flag

**Bugcrowd 2020 Q3 and Q4 MVP**

## CERTIFICATIONS

- Network Security Associate
- Certified AppSec Practitioner(CAP)
- eLearnSecurity Junior Penetration Tester(eJPT)

## ACTIVITIES

- Delivered a Speech in various schools and colleges on cyber security awareness topics.
- **PenTester Nepal community manager:** leading by organizing different infosec events, newsletter, different social media handler, making different cybersecurity awareness contents etc.
- **Featured Writeups:** How I chained P4 To P2 [Open Redirection To Full Account Takeover] | by Bishal Shrestha | InfoSec Write-ups (infosecwriteups.com)

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