

# ASAD NADEEM

Full Stack Developer | PHP Laravel Expert | MEVN (MongoDB, ExpressJS, VueJS & NodeJS) Stack  
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## Skills Summary

Enthusiastic and solutions-oriented software engineer with a bachelor's degree in Computer Science and over 6 years of professional experience in a variety of domains including web development, embedded programming, and freelancing. I bring a broad range of skills including but not limited to NodeJS, Laravel, PHP, MongoDB, MySQL, VueJS, PostgreSQL, IoT programming, Git, Linux, C & C++, Rest API, Web Sockets, and CMS (WordPress & Shopify). I've successfully led teams and been a part of them, always delivering high-quality software solutions on time.

## Experience

### Aymakan / Riyadh, Saudi Arab

Senior Software Developer / Sep 2021 – Present

#### Responsibilities:

- Developed and integrated new features into the existing system, enhancing its functionality and usability.
- Spearheaded the development of new projects from inception to completion, ensuring they met project requirements and deadlines.
- Conducted bug fixes and provided ongoing support to maintain system stability and performance.

#### Technologies and Tools Used

- Programming Language & Framework: **PHP Laravel**
- Database: **MySQL**
- Version Control: **Git**
- Laravel Libraries/Frameworks: **Livewire, InertiaJs, Jetstream**
- Frontend Framework: **VueJs**
- Frontend Libraries: **Bootstrap, Tailwind CSS**
- Cloud: **AWS & Oracle**

#### Additional Tools and Technologies

Other Tools: **Postmen, Laravel Horizon, Redis, Forge, Envoyer**

In this role at Aymakan, I successfully contributed to the development and enhancement of software solutions, leveraging a wide range of technologies and tools to deliver high-quality projects and maintain system integrity.

## **Netroots Technology / Lahore, Pakistan**

*Full-stack Developer (Team Lead) / Oct 2020 - August / 2021*

I played a pivotal role in designing, developing, and leading a comprehensive software system for Roots Ivy School and College. This system integrated Learning Management (LMS), Double Entry Accounting, and Human Resources functionalities.

### **Responsibilities**

- Led system and database design.
- Collaborated closely with project managers and the development team.
- Managed timely releases of the software.

### **Technologies Used**

- Programming Language & Framework: PHP Laravel
- Database: MySQL

My swift progression from developer to lead, combined with successful project delivery, underscores my commitment and expertise in software development and project leadership.

## **ICSS Engineering / Lahore, Pakistan**

*Embedded Developer (Team Lead) / Feb 2018 – August 2021*

As an Embedded Developer at ICSS Engineering, I contributed significantly to Industrial Automation in the Industry 4.0 landscape, with key responsibilities including:

- Developed and customized SCADA systems for real-time data monitoring and reporting.
- Integrated industrial devices using various protocols.
- Managed projects and led teams.
- Implemented robust system and application security measures.
- Designed and optimized databases.
- Contributed to system architecture and design.

### **Technological Evolution**

- Initially used PHP Laravel for real-time data presentation.
- Transitioned to Node.js Express and MongoDB for scalability and agility.

My role at ICSS Engineering showcased adaptability, technical expertise, and leadership in Industrial Automation and IIOT.

## ***Xiotic Technologies / Lahore, Pakistan (Internship)***

*Full Stack Developer / Mar 2017 - Jan 2018*

Started my professional journey with an internship where I learned and worked on PHP Laravel & MySQL and Nodejs & MongoDB.

## ***Freelancing & Part time Remote Jobs***

### 1. Fiverr & Upwork (Oct 2015 – Feb 2017)

In 2015 I have created freelancing accounts on Upwork & Fiverr. Along with graduation I worked part time to seek professional experience. I have completed various projects including

- Static Websites
- WordPress
- E-Commerce
- Presentation making
- Data Entry
- Photo & Video Editing

### 2. Front End Development at Penhost (July 2020 – Oct 2020)

Penhost is a turkish hosting solution company. I worked here as a front-end developer responsible for fetching data from ASP.NET backend and make attractive front-end for their visualization. It was 3 months contract based job.

### 3. Outlines (May 2021 – November 2022)

Senior IT Engineer working remotely with Outlines, a Saudi-based event management company. My responsibilities include the development and management of their web portal, overseeing the phone app, and handling various IT infrastructure requirements. This encompasses managing IT-related hardware devices and integrating various systems, including:

1. General Entertainment Authority (GEA)
2. SMS Gateway
3. Email Gateway
4. Payment Gateways (Pay One, Tabby, Noon Payment)

## Education

Bachelor of computer science	University of South Asia	2015 - 2019
Faculty of Science in Pre-Engineering	Punjab Group of College	2013 - 2015
Matriculation in Science	KPSI Cadet School	2011 - 2013

## Certifications

<b>Introduction to the Internet of Things and Embedded Systems</b> <a href="#">Verify</a>	University of California, Irvine (Coursera)	Mar 2020
<b>Systems and Application Security</b> <a href="#">Verify</a>	(ISC)2 (Coursera)	June 2020
<b>Laravel</b> <a href="#">Verify</a>	Test Dome	Mar 2022
<b>Technical Support Fundamentals</b> <a href="#">Verify</a>	Google	Jan 2021

## Projects

Title	Description	At
Data Archiving	Transfer data from MySQL to MongoDB in chunks, delete data from MySQL and make APIs in NodeJS to retrieve data when required.	Aymakan
Shopify Plugin	This plugin allows Shopify merchants to create order at Aymakan for delivering the shipment to customers	Aymakan
HR Portal With Odoo integration	HR Portal where employees can request for leaves, accessories, loan, and other benefits from HR. This system is integrated with Odoo ERP	Aymakan
Makanex	In makanex, I have made abstract class for courier to integrate multiple 3PL couriers with the APIs, tracking statuses using webhooks implementation	Aymakan
Driver App Backend	I have designed Backend APIs for driver phone APP. This app is responsible for warehouse operations associated with the driver	Aymakan
Restaurant Management System	Web-Based Restaurant Management System working on both Online/Offline mode. A complete software for a restaurant from order taking (from tabs) to customized reporting for owner. This system is intelligent enough to make alerts for low stock of ingredients	Xiotic
Double-Entry Account Software + POS	This software is a customized modular software for Double-Entry accounting (Journal Entry, Ledger, Balance sheet & trial balance). This system includes all the features of POS (Inventory, Sales, Purchase, Invoicing, Billing, Reporting etc.)	Xiotic
ERP Software	ERP system manages core business processes, such as sales, purchasing, accounting, human resource, Employers, engineering/production and inventory for a belt manufacturing company	Xiotic
Energy Monitoring System (SCADA)	Local implementation and commissioning of SCADA system for Energy monitoring at Thal Jute (Muzzafargarh). Where data from 63 three phase energy analyzers was acquired for reporting and cost management and electrical maintenance activities.	ICSS Engineering

Warehouse Monitoring System	Real time monitoring & reporting of temperature & humidity of warehouse over the cloud. This system also provides various alarms & alerts using local buzzers, SMS & Emails	ICSS Engineering
Gensat Monitoring & Maintenance System	Genet Monitoring & Maintenance system Provide Real-time monitoring of generator parameters. It also provide events & alarms (Fuel filling, Fuel theft etc). This system also have maintenance schedule so it notify user when maintenance required	ICSS Engineering
Environment Monitoring System	Real time monitoring & reporting of Refrigerators temperature over the cloud. This system also provide various alarms & alerts using local buzzers, SMS & Emails if the temperature increase or decrease from the set-points.	ICSS Engineering
CBM (Condition Based Maintenance)	Condition-based maintenance is a predictive maintenance strategy where various elements of an operating asset are observed and measured over time to identify and prevent deterioration and possible failure at the earliest possible moment. Under CBM, maintenance only occurs when data indicates a decline in performance or the early warning signs of failure. This differentiates CBM from preventive maintenance, where tasks are performed at regular intervals.	ICSS Engineering
Datacenter Monitoring	Real-time monitoring of temperature and humidity, Alarms on abnormal values, SMS and email notifications.	ICSS Engineering
Energy Monitoring + billing system	This system is mainly designed for automatic billing of more than 100 shops. This system is reading data directly from energy meters and generate monthly or custom bill based on their defied tariffs. This system is also providing utilities for energy consumption and other energy analysis.	ICSS Engineering
ERP+HR+Accounts+LMS (Complete solution)	This was a huge project designed in PHP Laravel and MYSQL DB is used. 4 main modules are <ul style="list-style-type: none"> <li>• HR</li> <li>• Accounts</li> <li>• Admission &amp; Fees</li> <li>• LMS ( for both school and university)</li> </ul>	Netroots Technologies