



HARISHANTH RAVEENDRAN

Module Lead

Date of birth: February 17, 1992

Place of birth: Colombo, Srilanka

Work experience

MODULE LEAD

December 2018 - present

ACL Digital Pvt Ltd - Chennai, Tamil Nadu, India

- Responsible for setting up REST APIs using AWS API Gateway which acts as proxy to external APIs.
- Reduced incident resolution time by 20% through proactive monitoring and timely alerts using AWS Cloudwatch metrics, Alarms and AWS SNS.
- Improved Analytical capabilities using Kinesis Data firehose to stream important events such as Assignment submissions, user interactions into S3 for analysis.
- Implement security best practices to make use of SecretsManager / KMS for sensitive data. Use lambda authorizers for JWT validation to authorize backend access to mobile users. Configure VPC to enhance security of the underlying infra.
- Use Cognito identity pools to generate temporary AWS credentials and grant access to infrastructure using auth role which is configured in IAM.
- Proficient in designing microservices, understanding the nuances of stateless and stateful workloads.
- Contribute towards cost optimization on analyzing the infrastructure and the usage patterns.
- Pioneered the setup and configuration of AWS infrastructure using Terraform. Orchestrated GitLab CI/CD pipelines for automated deployments.
- Reduced the failure rate of existing push notification architecture by decoupling using AWS SQS.
- Node.js developer skilled in functions, event loops, closures, callbacks, promises, and ES6+ features
- Worked in an agile environment and a cross-functional, self-organized team.

SOFTWARE ENGINEER

November 2014 - September 2018

Crotus Technologies (India) Private Ltd - Chennai, Tamil Nadu, India

- Been a part of software development team - Property Management System (HOST)
- Developed web applications using the Angular framework to complement PMS software, streamlining time-sensitive back-office tasks, and time management system.
- Developed Windows services using C# to automate the migration of reservation data between MSSQL servers, enhancing data transfer efficiency.
- Developed hybrid mobile application using the Ionic framework & REST APIs to gather feedback from Timeshare customers, enhancing customer satisfaction.
- Collaborated closely with clients and stakeholders to address critical issues and authored stored procedures to generate financial reports, ensuring transparency and accuracy.
- Interpreted business logic and requirements from business analysts for integrating new hotels into the PMS, ensuring seamless operations.
- Monitored, analyzed, and resolved data issues arising from migration failures

Contact

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Skills

- Cloud
- Node.js
- JavaScript
- AWS-Entwicklung
- Terraform
- GitLab
- Agile Methodology
- SQL
- Ionic Frontend-Framework
- TypeScript

Languages

Tamil - Native

Englisch - Advanced

using SQL scripts, ensuring data integrity and reliability.

Education

BACHELOR

2010 - 2014

AKSHAYA COLLEGE OF ENGG & TECHNOLOGY, COIMBATORE, INDIA,
Computer Science - Coimbatore, Tamil Nadu

Certifications

AWS Certified Cloud Practitioner - CLF-C01 (Issued: Dec 08, 2022)

AWS Certified Solutions Architect - Associate SAA-C03 (Issued: May 18, 2024)

Coursera

Introduction to Generative AI (Google) - Completed: Jan 04, 2024

- Define Generative AI
- Explain how Generative AI works
- Describe Generative AI Model Types
- Describe Generative AI Applications

AWS Skill builder

Building Generative AI Applications Using Amazon Bedrock (AWS) - Completed:
Aug 09, 2024

- Identify the components of a generative AI application and how to customize a foundation model (FM)
- Describe Amazon Bedrock foundation models, inference parameters, and key Amazon Bedrock APIs
- Identify Amazon Web Services (AWS) offerings that help with monitoring, securing, and governing your Amazon Bedrock applications
- Describe how to integrate LangChain with large language models (LLMs), prompt templates, chains, chat models, text embeddings models, document loaders, retrievers, and Agents for Amazon Bedrock
- Describe architecture patterns that can be implemented with Amazon Bedrock for building generative AI applications
- Apply the concepts to build and test sample use cases that leverage the various Amazon Bedrock models, LangChain, and the Retrieval Augmented Generation (RAG) approach

LinkedIn

<https://www.linkedin.com/in/harishanth-r>