Silpa Abraham

SOFTWARE ENGINEER

Profile

Around 8 years as a Full Stack Developer. Engineered scalable, high-performance applications and showcased adept leadership in orchestrating cross-functional teams. My role has extended to architecting intricate software solutions, ensuring optimal performance and seamless functionality across the board.

Employment History

Application Engineer, Rakuten, Tokyo

JUNE 2019 — JANUARY 2024

1. Designed and developed highly scalable APIs for Rakuten's notification Platform and Rakuten Fashion
2. Designed and developed batch processing system to generate more than a million-user interest-based notifications per hour
3. Successfully led the migration project at Rakuten, transforming the legacy PHP-based monolithic Restock service into a modern microservices architecture using tech stack such as RabbitMQ, Kafka, React - Java Spring boot, Grafana, Prometheus
4. Deployed and Optimized applications to run on Kubernetes in Rakuten One Cloud Platform Deploying applications on AWS infrastructure, utilizing AWS services such as EC2, S3, Lambda, and RDS, and implementing best practices for security and scalability in the AWS cloud environment.
5. Implemented continuous integration (CI) pipelines using Jenkins Pipelines to automate deployments of new features to production environments.
6. Implemented end-to-end testing automation by leveraging JUnit, for Unit testing and tools like JaCoCo , SonarQube for code coverage and analysis, enhancing the development process and higher code quality.
7. Orchestrated and maintained the ELK (Elasticsearch, Logstash, and Kibana) cluster.

Team lead and Software Engineer, Faith Infosoft, Kerala,India

FEBRUARY 2017 — FEBRUARY 2018

1. Design and architecture of ERP system
2. Coding and development.Performing unit testing and integration testing
3. Directly worked with clients and other professionals for requirement analysis
4. Responsible for people Management, including goal setting and providing
performance feedback
5. Interviewed prospective employees and mentored junior software developers in
the team.

Software Developer, UST Global, Bangalore.India

FEBRUARY 2012 — JUNE 2015

Maintained sole ownership of several projects with responsibilities such as requirement analysis, resource management, design, development and integration.

Details

Kochi, India
+918891681204
silpaabraham87@gmail.com

Skills

Java

Java Springboot

Junit

React.js

Jest

Rabbitmq

Redis

Kafka

MySQL

Cassandra

Jenkins

Microservices

Docker

Kubernetes

AWS

Projects
1. Accounts Receivables: Development of AR module of the organization.
Development and maintenance of Expense,Accounts Payment,General
Ledger Modules.
2. Optimus Project:Integrating organizational data from multiple tools
like Salesforce,Synergy.One and PeopleSoft to the Fin Modules(Project
Costing,Contracts and Billing).
3. Maintained large codebase of Finance modules: Expense,Accounts
Payment,Project Costing,Contracts,Billing,General Ledger.

Education

**Bachelors in Electrical, Electronics and Communications Engineering,
Mahatma Gandhi University, Kerala,India**

SEPTEMBER 2007 — JUNE 2011

Courses

**Simulation and modeling of MEMS accelerometer using MATLAB,
ISRO - Indian Space Research Organization**

DECEMBER 2010 — APRIL 2011

Certifications

Microsoft Certified: Azure AI Engineer Associate. (AI102)