Amal Bose B S

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SUMMARY

- 11 years of experience in **backend (Java)** and frontend development, **microservices, CI/CD** and **framework/library development**
- Experience in managing and **leading scrum team**
- Actively contributes to innovation activities
- Worked as an automation engineer developing testing tools and frameworks.

SKILLS

- Java, Javascript, Python(basic), C++(basic), Shell
- MySQL, Oracle, PL/SQL
- Kafka, Redis, REST & SOAP APIs
- Docker, Kubernetes, Spinnaker, Velocity, Gitlab CI
- Prometheus, Grafana, Hashicorp Vault, Swagger
- Spring Boot, JPA, JDBC, Flowable
- React Native, Oracle JET, Nodejs
- Junit, TestNG, Maven, Gradle, Jmeter
- OCI and AWS (basic)
- Agile Scrum

WORK EXPERIENCE

SENIOR LEAD DEVELOPER   Envestnet | Trivandrum | Dec 2020 – Present

- Designed and implemented a java library for managing BPMN processes including complex features like rollback, dynamic data fetching, dynamic email and forms.
- Lead the design and development of 4 microservices using spring boot, communicating via REST API and Kafka
- Identified and rectified various performance bottlenecks in the system.
- Introduced various process improvements to improve code quality and efficiency
- Implemented a declarative test mechanism which vastly reduced the time for creating tests for process models.
- Conducted learning sessions to team on various topics

PROJECT LEAD (Development)   Oracle | Trivandrum | 2017 – 2020

- Acted as the lead developer and scrum master for the Collaboration sprint team.
- Designed the architecture and developed the microservices to introduce push notification to iOS and Android devices.
- Integrated microservices CI/CD pipeline with kubernetes, spinnaker, hashicorp vault with monitoring using grafana and prometheus
- Introduced various new features to the collaboration module in both frontend (PHP, JS) and backend (Java)
- Migrated the old collaboration rpm module to kubernetes within specified timeline
- Analyzed production logs to identify problem areas and improve code quality and performance
- Involved in development of REST API in PHP for Statistics module with swagger documentation
- Involved in migration of MySql DB to Oracle DB for collaboration module. Identified and implemented necessary database changes
- Took initiative in improving coverage for web client (PHP, JS) and backend (Java) of collaboration module
- Represent the collaboration team in multi team meetings and handled customer as well as internal issues to improve product

SENIOR QUALITY ASSURANCE ENGINEER (Automation)   Oracle | Trivandrum | 2013 – 2017

- Proposed and led the implementation of an automation framework which reduced effort for execution and result analysis from 8 man days to 1-2 days.
- Designed and implemented multi server execution, automatic rerun based on failure reason, automatic failure categorization and dashboard reporting for webdriver automation test framework
- Led the team for development of Java based windows application for CrmOD to Fusion migration

PROGRAMMER ANALYST   **Cognizant | Bangalore/Chennai | 2010 – 2013**

- Contribution towards automation framework developments using WebDriver and Sikuli.
- Was the Innovation POC for Rackspace account and managed innovation activities.
- Designed and developed a web based dashboard application generating graphical representations of the test reports created by Hudson tool.

AWARDS

- Star of the Quarter (Envestnet 2021 Q4)
- WOW Award (Envestnet 2021 Q2)
- Received Oracle RSU Stock award 4 times (Oracle)
- 1st prize for OFSC Hackathon 2017 (Oracle)
- Received Oracle Numero Uno award 2016 (Oracle)
- Received Innovation Champion award for year 2012 (Cognizant)

EDUCATION

College of Engineering, Trivandrum 2006 - 2010

B Tech (Electrical & Electronics Engineering) - 7.4 GPA

Sree Narayana Public School, Kollam

XIIth (CBSE) 2006 & Xth (CBSE) 2004

CERTIFICATIONS

Oracle Cloud Infrastructure Foundations 2020 Certified Associate