Avinash.U
Software Engineer

Professional Profile

I am having 3 years of IT experience as a Software Engineer. A Full stack, dynamic and result oriented professional, proficient in developing web application. Has an ability to learn new technologies with minimal time period and an excellent team player.

Tech stacks

- **Front End:** ReactJs, Redux, Angular 7, Javascript, HTML, Bootstrap, CSS
- **Back End:** Java8, Spring Boot, Spring JDBC, Spring Jpa, Serverless Framework, RabbitMQ, ETCD
- **Test Automations:** Junit, Mockito, Cucumber, Selenium
- **Containers & Infrastructure:** Docker, Vagrant, Ansible
- **Tools & Others:** AWS Services.
- **Build & CI/CD:** Git, Jenkins, GoCd
- **Scripting:** Shell, Python

Experience

2019 April – Present
Software Engineer / Coda Global, India

Recent Assignments

Altaria, Internal Project – Software Engineer
October 2019 through Present

Application is used to analyze the AWS Security Best Practices using an open source benchmark tools.

- Responsible for doing initial Proof of Concept by implementing the architecture which involves working on AWS Batch, AWS S3, AWS Lambda and Serverless framework.
- As an App dev Owner have developed the Backend API's individually.
- Currently responsible for enhancing the product and work along with the team.

Tooling: Java 8, Spring Boot, Spring JPA, AWS Batch, AWS Lambda, AWS Cloud Watch, AWS S3, AWS ECR, AWS Step Function, Serverless Framework

US Govt Agency – Software Engineer
May 2019 through July 2019

- Addressed Heap Memory issue when exporting data as CSV in spring boot Application.
- Done a Proof of Concept for exporting **10 Million+ records** without a Memory Issue which involves in working on a separate module, close analyzing and monitoring the memory using Profiler.
- Setup and Migrated Exporting Module individually from the existing Monolith Application.
- Implemented Automation for the Export Service using JUnit5.

Tooling: *Java 8, Spring Boot, Spring JDBC, Streams, Angular 7, Docker, IBM DB2, Visual VM, Junit5, Mockito*

ACE, Autodesk – Software Engineer
April 2019 through May 2019

- Involved in analyzing IBM Watson Compare & Comply in order to validate and deliver the requirement.
- Developed SQL scripts for the Application enhancements.
- Responsible for Update and Migrating IBM APIs, Watson Discovery to Watson Compare & Comply in Spring Boot Application.
- Test Automated the application with Junit5 and done a complete testing.

Tooling: *Java 8, Spring Boot, Spring JPA, Docker, Angular 7, PostgreSQL, Junit5, Mockito, IBM Watson*

Corporate Bidding Technology, US – Software Engineer
June 2019 through August 2019

- Involved in bug fixing and enhancement based on Client Requirement
- Worked with the team to automate the Bidding Application which involves in implementing test scripts.

Tooling: *Java, Selenium, Cucumber*

2017 April – 2019 March
Software Engineer /Gofrugal Technology, India

Tax Filing Application – Developer
Application used for filing returns

- Led a small team, which involves handling the Inter Team Meetings, requirement gathering and analyzing, developing requirements and Deliver it to the customers.
- Pair Programmed and developed a Framework to support multiple Country filing
- Introduced Test Automation to validate the reports compatibility.

Notable Achievement
- Independently designed and developed an E-filing module which is integrated with Government API
- Tax Filing Application integrated with the E-filing Module has capacity to Queue, download the Filed reports and Sync the data with the Client DB.

Tooling: Spring Boot, React, Redux, Apache POI, Apache DBC, Junit5, Mockito

GoSecure – Developer

- Developed Ping service to check the Internet Availability of the Client Service
- Designed a Graphical based UI of the Synced Ping Details and delivered to the customer.
- Designed and developed a UI interface for a Pricing Module for the Product GoSecure using Reactjs and Redux
- Worked with team on delivering a Report Dashboard for the Product.

Tooling: Reactjs, Redux, Spring boot, GoCD (CI/CD), Junit5, Cucumber, Rabbitmq, Active Admin

Other Products – Developer
- Notification Service, responsible for pushing notification to mobile and windows using FCM & RabbitMQ.
- Task Manager is an application to collaborate, manage tasks and work with the team.
- Pos Payment service is an UPI payment module for POS billing.