Revanth Ettikkan

Software Engineer

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Backend developer with strong expertise in Java and Spring Boot, specializing in building scalable and efficient REST APIs across diverse sectors, including insurance and financial services. Experienced working with AWS services to support secure and compliant applications. Skilled in improving system performance, maintaining data integrity, integrating APIs and writing comprehensive unit and integration tests. Focused on delivering clean, reliable backend solutions that align with business needs.

CORE COMPETENCIES

- Java, Spring MVC
- Spring Boot, JUnit
- Mockito, REST API
- MySQL, Hibernate

- SpringDataJPA, Docker, Kubernetes,
- Bamboo CI/CD, AWS, MongoDB
- Microservices, Oauth, spring AOP
- Splunk, JavaScript, Python.

RECENT PROFESSIONAL EXPERIENCE

Liberty Mutual Insurance (Contractor) |Software Engineer | Portsmouth, NH   **11/2022 – Present**
- Refined Java-based logic to accurately classify heavy and extra-heavy trucks/tractors, meeting acceptance criteria and improving quote pricing accuracy.
- Implemented a Java-fix to eliminate duplicate data generation in the downstream apps, ensuring precise quote calculations.
- Optimized log levels and removed redundant logs to prevent log overflow issues and improve system performance.
- Retired a legacy API service and integrated a new REST API to retrieve fleet details for accurate vehicle classification.
- Updated business group codes in databases using Liquibase to enhance business categorization.
- Developed comprehensive unit and integration tests using JUnit and Mockito for new features and bug resolutions.
- Worked with relational databases (MySQL, PostgreSQL) and object-relational mapping frameworks such as Spring Data JPA, Hibernate and Mybatis.
- Upgraded AWS RDS CA certificates for multiple application databases to meet security and compliance requirements.
- Deployed and managed Docker containers using Kubernetes (EKS).
- Utilized Bamboo for continuous integration, deployment, and automated testing.
- Conducted User Acceptance Testing (UAT) to validate feature functionality and user requirements.
- Followed Agile methodologies for planning, tracking, and delivering software projects.
- Provided support for production releases, ensuring smooth deployments, monitoring and issue resolution.
- Created and maintained internal wiki pages to document and streamline the resolution of recurring issues.

VenusGeo Technologies |Innovation Engineer Trainee| Nashua, NH   **08/2021 –04/2022**
- ProtoSem is a fellowship program that develops students' technical skills and transforms them into "Innovation Engineers".
- Students work in teams to design, develop, and test a tech-based solution to a real-world problem, resulting in a minimum viable prototype.
- I had an opportunity to learn and work on ML algorithms.

EDUCATION & CERTIFICATION

BACHELOR OF ENGINEERING (Computer Science Engineering), Kumaraguru College of Technology, India   **06/2018 – 06/2022**

AWS Cloud Practitioner
GitHub Co-Pilot