

Revanth Ettikkan

Software Engineer

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Experienced Java Backend Developer with a strong track record across insurance domain. Skilled in building efficient backend services using Java, Spring Boot, REST APIs and event-driven architectures powered by Kafka. Proficient in working with databases like MySQL, PostgreSQL and ORM frameworks. Hands-on experience with AWS in supporting scalable backend systems. Proficient in writing unit tests. Committed to delivering clean, maintainable code that supports business goals and enhances system security and performance.

CORE COMPETENCIES

- Java, Spring MVC
- Spring Boot, JUnit
- Mockito, REST API
- MySQL, Hibernate
- SpringDataJPA, AWS, MongoDB,
- Kafka Microservices, Docker
- Oauth, Kubernetes, Bamboo CI/CD
- Splunk, JavaScript, Python.

PROFESSIONAL EXPERIENCE

Cognizant Technology Solutions | Software Engineer | (Coimbatore/TN) Liberty Mutual Insurance

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.
- Worked on the removal of SMTP protocol references across the application to mitigate security risk.
- 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.

Forge Innovation & Ventures | Innovation Engineer Trainee | (Coimbatore/TN)

08/2021 – 01/2022

- 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 developing an ML algorithm for classifying defective and non-defective auto components in the production line.

EDUCATION & CERTIFICATION

BACHELOR OF ENGINEERING (Computer Science Engineering), Kumaraguru College of Technology, India

06/2018 – 06/2022

AWS Cloud Practitioner
GitHub Co-Pilot