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. Experienced in 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

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| * **Java, Spring MVC** * **Spring Boot, JUnit** * **Mockito, REST API** * **MySQL, Hibernate** | * **SpringDataJPA, Docker, Kubernetes,** * **MongoDB, AWS, Bamboo CI/CD, Maven** * **Micro services, Oauth, spring AOP** * **Splunk, JavaScript, Python.** |

# RECENT PROFESSIONAL EXPERIENCE

## Cognizant Technology Solutions |Software Engineer | (Coimbatore/TN) 11/2022 – Present

*Liberty Mutual Insurance*

* Refined Java-based logic to accurately classify heavy and extra-heavy trucks/tractors, meeting acceptance criteria and improving quote pricing accuracy.
* Implemented a Java-based solution to eliminate duplicate location 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.
* 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.
* Created Dockerfiles to build and run Docker images in containers (ECS).
* Deployed and managed Docker containers using Kubernetes (EKS).
* Retired a legacy API service and integrated a new REST API to retrieve fleet details for accurate vehicle classification.
* Upgraded AWS RDS CA certificates for multiple application databases to meet security and compliance requirements.
* 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 Engineer Trainee | (Coimbatore/TN) 08/2021 – 01/2022

* Selected for a 20-week immersive fellowship focused on developing technical and innovation skills through real-world problem solving.
* Collaborated with a cross-functional team to design, develop, and test a tech-based solution, resulting in a Minimum Viable Prototype (MVP).
* Gained hands-on experience with machine learning, specifically classification algorithms, to address practical challenges.

**EDUCATION & CERTIFICATION**

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

**AWS Cloud Practitioner**

**GitHub Co-Pilot**