**Shiva Rangu**

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**PROFILE**

Java Software Engineer with 1+ years of experience in developing and maintaining scalable web applications. Proficient in Java, Spring Boot, RESTful APIs, GraphQL APIs and Microservices architecture. Demonstrated ability to deliver high-quality solutions within deadlines, with a strong focus on clean code and best practices.

**Technical Skills:**

- **Languages**: Java, SQL, JavaScript basics

- **Frameworks**: Spring Boot, React, Junit, Bootstrap

- **ORM** **tool** : Hibernate

- **Web** **Technologies**: HTML, CSS

- **Databases**: MySQL

- **IDE** **Tools** : IntelliJ IDEA, Spring tool suite, Eclipse, Visual Studio Code

- **Cloud**: AWS

- **Version** **Control** : Git,GitHub

- **Build** **Tools** : Maven, Gradle

- **Testing Tools :** Playwright Automation testing tool

**Professional Experience:**

**Cognizant – Programmer Analyst**

Sept 2023 – Present

As a part of development team contributed to following streams:

- Developed and maintained microservices-based APIs using Java, Spring Boot.

- Involved in requirement gathering, design, analysis & documentation of work items. Participated in code reviews and collaborated with team.

- Wrote JUnit and Mockito, achieving 80-85% test coverage. Also identified and removed the vulnerability by using SonarLint

**Cognizant Intern - Jan 2023 - July 2023 | Cognizant | Hyderabad**

● Successfully completed Java Full Stack training at Cognizant mastering Java programming, Spring Boot framework, Angular and other related technologies and gaining practical experience in software development.

● Demonstrated proficiency by working on robust and scalable web applications using Spring Boot as part of collaborative team project and worked on website that helps IRDA officers to view and save reports of insurance companies like pending claim report, settled claim report.

● Learned and applied various testing methods using Postman and Junit to ensure reliability, performance and security of web applications.

**PROJECTS**

**Hotel Reservation System**

Developed **Java Full-Stack web application** Hotel Reservation System designed to manage hotel bookings, room availability, and reservations. The project follows a microservices architecture and includes multiple RESTful APIs to facilitate room searches, bookings, viewing reservations, and cancellations. This project enhanced my skills in Java, Spring Boot, React, and microservices, while also providing hands-on experience with integrating modern tools such as Kafka, Swagger for API documentation, and JUnit/Mockito for testing.

**ATM Management System**

Developed a mini backend project titled "ATM Management System", focusing on implementing core banking functionalities. The project includes essential APIs that simulate key operations of an ATM, including balance enquiry, cash deposit, cash withdrawal, and transaction history.

**Claims Management**

Developed a **Java Full-Stack web application** that enables **IRDA (Insurance Regulatory and Development Authority) officers** to efficiently manage and view reports related to insurance companies, specifically focusing on pending and settled claims.

**EDUCATION**

**Bachelor of Technology (B. Tech.)** – Information Technology (2020- 2023) - 8.4 CGPA

Anurag Group of Institutions. Hyderabad, Telangana (India).

**CERTIFICATIONS**

* Java Programming for Beginners – Udemy
* HTML, CSS, and Javascript for Web Developers – Coursera
* Playwright Automation Testing - Udemy