

RAGHURAM NALLABELLI

BACKEND DEVELOPER | JAVA, SPRING, SPRING BOOT, ORM, MICROSERVICES ARCHITECTURE

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SUMMARY

Java Backend Developer with 3 years of experience in the IT industry, specializing in Java 8, Spring Boot, Spring Security, Hibernate, JUnit, RESTful APIs, JSON, JWT, MySQL, and AWS. Proficient in version control using Git/GitHub. Currently working at Tata Consultancy Services Ltd., where I contributed to the LPP (Loan Processing Platform) for a Leading banking project by developing robust and scalable backend APIs to improve system performance and functionality. Strong understanding of microservices architecture and backend development best practices.

TECHNICAL SKILLS

Tools & Platforms

Maven, Git, Postman, Jenkins, STS, IntelliJ

Cloud

AWS (EC2, S3, RDS, Lambda, API Gateway)

Frontend Skills

HTML, CSS, JS, ReactJS

Frameworks

Spring Framework, Hibernate ORM, Microservices Architecture, RESTful APIs

Programming

Java 8, SQL/MySQL, JavaScript (Basics)

Automate Soft Skills

Analytical Thinking, Troubleshooting, Documentation, Team Leadership

PROFESSIONAL EXPERIENCE

BACKEND DEVELOPER

TATA Consultancy Services Hyderabad, India August 2022 - Present

- Engineered on a scalable and distributed system for loan processing at major banks, India
- Created Mock User Functionality for audit compliance, allowing secure read only login to troubleshoot issues, accelerated issue resolution by 20%.
- Architected and launched a Credit Cards functionality that increased client sales by 25%, significantly enhancing business performance and customer engagement.
- Built Single Active Session Management, limiting users to a single active session for improved security, invalidating old sessions upon new logins.
- Implemented a Tree-Based Location System: Built a hierarchical structure for managing locations, which is a crucial component that the entire project relies on. This system ensures efficient handling of location data and is vital for the functionality of the project.
- Optimized a feature allowing clients to upload over 30,000 records directly to the server, utilizing asynchronous processing with Kafka integration, reducing data processing time from 1 week to just 6 hours.
- Responsible for handling and resolving production issues, providing Root Cause Analysis (RCA).
- Tech Stack- SpringBoot, Java, MySql, Memcache, Kafka, REST. Data Structures.

PROJECTS

BANK AGGREGATER APPLICATION

- Programmed a Bank Aggregator application to integrate multiple banking services and generate a summarized banking statement.
- Integrated 20+ RESTful APIs for seamless communication between client and server.
- Utilized SQL for efficient data storage and management with 4 different tables, ensuring data integrity and security.
- Applied user authentication with Spring Security, resulting in a 50% increase in application security. Integrated AWS S3 for uploading and downloading bank statements, with a capacity to store up to 50,00,000 statements.

HEALTH CARE MANAGEMENT SYSTEM (Team Size: 3)

- Developed a Healthcare Management System to digitize hospital operations including staff onboarding, patient intake, appointment scheduling, and data management.
- Implemented secure authentication with role-based access control for Doctors, Admins, Receptionists, and Super Admins.
- Designed and exposed RESTful APIs for role management, staff onboarding, appointments, and hospital operations, integrated with frontend via token-based authentication.
- Delivered modules for appointment booking, bed/room management, and workforce tracking to improve hospital administration efficiency

EDUCATION

Bachelor of Technology – Electronica and Communication (2016 – 2020)

Aurora’s Technological and Research Institute, Hyderabad