Mungle Roshan Kumar

Software Engineer | Full Stack Developer

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PROFESSIONAL SUMMARY

Java Backend Engineer with **2.7+ years of hands-on experience** in designing, developing, and optimizing **enterprise-grade backend systems** using **Java, Spring Boot, and Microservices architecture**. Proven expertise in building scalable REST & SOAP APIs, improving system performance, refactoring legacy code, and ensuring high-quality delivery through testing and code quality tools. Strong experience in production support, performance tuning, and collaborative Agile environments.

TECHNICAL SKILLS

Programming Languages: Java, Groovy, JavaScript
Frameworks & Architecture: Spring Boot, Spring Framework, Microservices Architecture
Web Services: RESTful APIs, SOAP Web Services
Databases: MySQL
Testing & Code Quality: JUnit, SonarQube, Jacoco, PIT, Postman, Swagger
DevOps & Deployment: Docker, Kubernetes
Build & Version Control: Maven, Gradle, Git
Frontend (Working Knowledge): HTML, CSS, JSP, Thymeleaf
Tools & Methodologies: Jira, Agile/Scrum

PROFESSIONAL EXPERIENCE

Software Developer

Indian Eagle Pvt Ltd | Hyderabad, India
June 2023 – January 2026

- Designed and developed **scalable backend modules** using Java and Spring Boot to meet complex business requirements in the airline and travel domain.
- Built and maintained **microservices-based architecture**, ensuring loose coupling, fault tolerance, and high availability.

- Developed and consumed **RESTful and SOAP-based services** (Seat Map, Fare Rules, Branded Fares) for seamless integration with internal systems and third-party providers.
- Optimized services by updating **WSDL and XSD files** from Global Distribution Systems (GDS), reducing deprecation risks and improving service performance.
- Refactored legacy code and optimized database interactions, resulting in **improved response times and enhanced system stability**.
- Actively identified and resolved **production issues and performance bottlenecks**, ensuring minimal downtime in 24/7 business-critical systems.
- Collaborated with cross-functional teams to deliver high-quality features in an **Agile development environment**.
- Contributed to a **company-confidential internal enterprise application** used by **HR and Finance teams** for managing critical organizational operations.

PROJECT EXPERIENCE

Internal HR & Finance Management System *(Company Confidential)*

Technologies: Java, Spring Boot, MySQL

- Worked on an exclusive internal application used by **HR and Accounting teams** for day-to-day organizational operations.
- Implemented and maintained modules related to **Payroll processing, ESI, PF, EPF**, and other statutory compliance workflows.
- Ensured **data accuracy, security, and role-based access control** for sensitive employee and financial information.
- Supported business-critical operations by fixing production issues and enhancing system reliability.

Flight Schedulers Application

Technologies: Java, Spring Boot, MySQL

- Developed a post-booking management system to support airline scheduling and operational activities.
- Implemented features for **e-ticket generation, schedule changes, and booking updates**, ensuring reliable customer communication.

Indian Eagle – Mobile Web Application

Technologies: Java, Groovy, Spring Boot, Microservices, MySQL

- Developed a mobile-optimized web platform accessible via mobile browsers.
- Improved application responsiveness and performance for mobile users.

Indian Eagle – Desktop Web Application

Technologies: Java, Spring Boot, Thymeleaf, JavaScript, MySQL

- Built a public-facing B2C monolithic web application for flight search and booking.
- Integrated multiple backend microservices and rendered dynamic content using Thymeleaf templates.

I-GARUDA – Internal CRM Application

Technologies: Java, Spring, JSP, MySQL

- Designed and developed an internal CRM application supporting **24/7 customer service operations**.
- Enabled internal agents to manage customer requests, bookings, and issue resolution efficiently.
- Implemented server-side rendering using JSP to fetch and display database-driven content.

Search API – Microservice

Technologies: Java, Spring Boot, MySQL, SonarQube, Jacoco, PIT

- Migrated complete service codebase from **Groovy to Java**, improving maintainability and performance.
- Fixed existing defects and improved overall service reliability and response time.

Structured Fare Rules – Microservice

Technologies: Java, Spring Boot, MySQL, SonarQube, Jacoco, PIT

- Developed a microservice to provide **refundability and cancellation penalty information**.
- Implemented request/response validation and comprehensive test cases to ensure accuracy.

Seat Map – Microservice

Technologies: Java, Spring Boot, MySQL, SonarQube, Jacoco, PIT

- Built a microservice to provide real-time information on **available, paid, free, and occupied seats**.
- Tested APIs using Swagger UI and implemented fare calculation logic consumed by other applications.

EDUCATION

Bachelor of Technology – Information Technology
Malla Reddy College of Engineering and Technology
2017 – 2021
Graduation Percentage: **70.1%**

ADDITIONAL INFORMATION

- Strong understanding of **enterprise backend systems** and real-time production environments
- Comfortable working with **legacy systems and modern microservices**
- Passionate about writing **clean, maintainable, and testable code**