

MUNGLE ROSHAN KUMAR

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Hyderabad, Telangana, India

Software Engineer | Java Backend & React Developer

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 Portofolio : <https://mungle-roshan-kumar.github.io/mungle-roshan-kumar-portfolio/>

PROFESSIONAL SUMMARY

Java Backend Engineer with 2.7+ years of professional experience designing, developing, and maintaining scalable, high-availability backend systems using Java, Spring Boot, and Microservices architecture, with hands-on exposure to frontend development using ReactJS. Strong expertise in RESTful and SOAP web services, GDS integrations (WSDL, XSD), distributed systems concepts, legacy system modernization, performance tuning, and 24/7 production support. Proven track record of delivering secure, fault-tolerant, and production-grade solutions in enterprise and product-based Agile environments. Currently expanding frontend capabilities with ReactJS.

CORE TECHNICAL SKILLS

Programming Languages:

Java (Primary), Groovy, JavaScript

Backend Frameworks:

Spring Boot, Spring Framework,
Hibernate

Frontend Technologies:

HTML, CSS, JSP, Thymeleaf, ReactJS(exploring)

Architecture & Design:

Microservices Architecture, RESTful Architecture

Web Services & Integration:

REST APIs, SOAP Web Services, WSDL, XSD,

Databases:

MySQL, DynamoDB

Cloud & AWS Services:

CloudWatch, Log Insights, S3 Bucket, SQN, SNS

Testing & Code Quality:

JUnit, SonarQube, Jacoco, PIT, Mockito,
Postman, Swagger

DevOps & CI/CD:

Docker, Kubernetes (exploring), Jenkins (exploring)

Build & Version Control:

Maven, Gradle, Git

Tools & Methodologies:

Jira, Agile/Scrum

PROFESSIONAL EXPERIENCE

Indian Eagle Pvt Ltd - Hyderabad, India.

June 2023 – Present

Software Developer

- Designed, developed, and maintained scalable Java and Spring Boot backend services supporting high-volume airline booking and travel platforms.
- Implemented and enhanced microservices-based architecture with focus on fault tolerance, loose coupling, scalability, and service reliability.
- Developed, consumed, and optimized RESTful and SOAP-based APIs (Seat Map, Fare Rules, Branded Fares) integrating internal systems and third-party providers.
- Managed and updated WSDL and XSD contracts from multiple Global Distribution Systems (GDS) to ensure backward compatibility and prevent service deprecation.
- Refactored legacy codebases and optimized SQL queries and database interactions, improving application performance, response times, and stability. 1
- Performed root cause analysis and resolved critical production incidents in 24/7 business-critical environments with minimal downtime.
- Worked closely with QA, Product, DevOps, and cross-functional stakeholders to deliver production-ready features following Agile/Scrum best practices.

PROJECT EXPERIENCE

1. 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.

2. I-GARUDA – Internal CRM Application

Technologies: Java, Spring Boot, MySQL, JSP

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

3. Search API – Microservice

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

- 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.

4. Flight Schedulers Application

Technologies: Java, Spring Boot, MySQL

- Developed a post-booking management system to support airline scheduling and operational activities.
- Enabled internal agents to manage customer requests, bookings, and issue resolution efficiently.
- Implemented features for e-ticket generation, schedule changes, and booking updates, ensuring reliable customer communication.

5. Structured Fare Rules & Seat Map – Microservices

Technologies: Java, Spring Boot, MySQL

- Migrated complete service codebase from Groovy to Java, improving maintainability and performance.
- Developed a microservice to provide refundability and cancellation penalty information.
- Fixed existing defects and improved overall service reliability and response time.
- Implemented request/response validation and comprehensive test cases to ensure accuracy.

6. Indian Eagle – Mobile & Desktop Web Applications

Technologies: Java, Groovy, Spring Boot, Microservices, MySQL, Thymeleaf, JavaScript, DynamoDB

- Built a public-facing B2C monolithic web application for flight search and booking.
- Integrated multiple backend microservices and rendered dynamic content using Thymeleaf templates.
- Developed a mobile-optimized web platform accessible via mobile browsers.
- Improved application responsiveness and performance for mobile users.

EDUCATION

Bachelor of Technology – Information Technology

Malla Reddy College of Engineering & Technology (June 2017 – April 2021)

Graduation Percentage: 70.1%

TRAINING & CERTIFICATIONS

J-SPIDERS Technologies (June 2022 – May 2023)

Certified as Full Stack Java Developer

- Completed a comprehensive course in Java Full Stack Development covering Java, Oracle SQL, Spring Boot, microservices, HTML, CSS, Java-Script.