Sai Prasad Mahendhrakar

manhendhrakarsai6@gmail.com | 8886140567 | Sai Prasad Mahendhrakar - Linkedin

Summary

Detail-oriented and performance-driven Java Full Stack Developer with 2 years of experience in building and supporting enterprise-grade applications using Java, Spring Boot, Microservices, and Angular. Strong foundation in RESTful API development, MySQL database integration, and application performance optimization using caching techniques. Adept at developing scalable, maintainable backend services, optimizing application performance, and collaborating within Agile teams to deliver high-quality, user-centric solutions. Experienced in CI/CD workflows, Docker-based deployments, and L2/L3 production support with a proven ability to troubleshoot complex issues and enhance system reliability.

Technical Skills

Backend Technologies: Java, Spring Boot, Spring Security, Microservices Architecture, Spring Data JPA, RESTful APIs.
Frontend Technologies: HTML5, CSS3, Angular (CLI).
Databases: MySQL, MongoDB.
Caching & Performance: Redis
DevOps & Tools: Docker, Jenkins (CI/CD), Maven, Postman, Swagger, Spring Tool Suite, Visual Studio Code, Eclipse
Project & Collaboration Tools: Git, GitHub, Jira, ServiceNow.
Methodologies: Agile (Scrum), Sprint Planning, Sprint Reviews, Code Reviews.

Experience

Capgemini Technology Services India Limited   **(May 2024–Present)**
Project: CNH Industrial

- Developed and enhanced microservices-based enterprise applications using **Java Spring Boot**, supporting core business functionalities with a scalable microservices architecture.
- Converted business requirements and user stories into production-ready code during Agile sprint cycles.
- Resolved production and development issues to maintain application stability and code quality.
- Built RESTful APIs using Spring Boot and integrated with **MySQL** via Spring Data JPA
- Implemented **Feign Client** for seamless inter-service communication in the microservices architecture.
- Applied **caching techniques** to reduce repeated database calls and improve API performance for frequently accessed data.
- Containerized applications using **Docker** to support consistent deployments across environments.
- Used **Git/GitHub** for version control, code reviews, and CI/CD integration.
- Actively participated in Agile Scrum ceremonies including daily stand-ups, sprint planning, sprint reviews, and retrospectives to ensure timely and high-quality delivery.

Project: Bus Reservation System

- Designed and developed a full-stack microservices-based bus reservation platform supporting real-time ticket booking, route management, and payment processing.
- Built secure and scalable **RESTful APIs** using Java and **Spring Boot**, implementing **JWT-based authentication** and role-based authorization for users and admins. Resolved production and development issues to maintain application stability and code quality.
- Integrated razor pay payment gateway for secure online payments, managing transaction validation, success/failure handling, and refund processing through REST APIs with reliable database status tracking.
- Developed a responsive and interactive UI using **Angular, HTML5**, and **CSS3**, allowing users to search buses, select seats, book tickets, and manage reservations.
- Implemented a dynamic **seat selection module** with a 10x10 grid layout, where booked seats are fetched from backend services and disabled in real-time to prevent duplicate bookings
- **Tools used:** Java, Spring boot, Spring Data JPA, SQL, MySQL workbench, Maven, Postman, Spring Tool Suite

Education

BTech   **Brindavan Institute of Technology and Science, Kurnool (2022)**
- GPA: 6.8/10