ROHIT KISAN GUNJAL

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Summary

Computer Engineering graduate (2025) skilled in full-stack development, REST API design, and microservices using Spring Boot and React JS. Proficient in Java, JavaScript, SQL, and MySQL — seeking an entry-level Software Engineer role.

Education

G H Raisoni College of Engineering and Management, Pune   2021 – 2025
Bachelor of Technology in Computer Engineering   CGPA: 8.18

Technical Skills

Languages: Java, C#, SQL, JavaScript
Backend: Spring Boot, REST APIs, .NET Core Web API, Microservices Architecture
Frontend: React JS, HTML5, CSS3
Database: MySQL
Tools: Git, GitHub, Eclipse, VS Code, Postman
Concepts: OOP, Data Structures, Multithreading, Database Indexing, Agile

Projects

Rent-It: Bike and Car Rental Management System
Java, C#, .NET Core Web API, Spring Boot, Microservices, React JS, MySQL, GitHub
– Built hybrid microservices using Spring Boot and .NET Core with Eureka service discovery and API Gateway.
– Developed RESTful APIs for vehicle booking, payments, and cancellation with automated refund handling.
– Implemented JWT authentication with BCrypt hashing and role-based access control for Admin, Owner, and Customer.
– Designed normalized MySQL schema and React JS frontend with role-specific dashboards and dynamic filters.

Employee Payroll System
Java, OOP
– Built a console-based payroll management system in Java for salary calculation and employee record handling.
– Used OOP concepts with an abstract `Employee` class and derived subclasses.
– Implemented salary processing and payroll report generation functionality.

FLOODGUARD: IoT-based Flood Detection
IoT, ESP32, SIM800L, ThingSpeak, Blynk
– Developed a real-time flood detection system using ultrasonic, FSR, and float switch sensors with ESP32.
– Implemented SMS alerts using SIM800L to notify authorities and residents in flood-prone areas.
– Configured ThingSpeak and Blynk for real-time monitoring and visualization of water levels.
– Designed a low-power system for continuous remote monitoring, ensuring early warning detection and quick response.

Certifications

- Alpha (DSA with Java) – Apna College