Rohit Kisan Gunjal

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Summary

Computer Engineering undergraduate with strong foundation in Data Structures, Java, and Full-Stack Development. Experienced in building REST APIs and scalable web applications using Spring Boot, .NET Core, and React. Passionate about problem-solving and writing clean, efficient code. Seeking an entry-level Software Engineer role to contribute and grow in a dynamic environment.

Education

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

Shri Dhokeshwar Vidyalay & Junior College, Takali Dhokeshwar Feb 2021
HSC (Class XII) Percentage: 81.50%

Shree Hareshwar Vidyalaya, Karjule Harya March 2019
SSC (Class X) Percentage: 89.20%

Skills

- **Programming Languages:** Java, C++, HTML, CSS, JavaScript, SQL
- **Frameworks & Libraries:** React, Bootstrap, Express.js
- **Database:** MySQL
- **Tools & Platforms:** Git, GitHub, VS Code, Eclipse IDE, Node.js
- **Operating Systems:** Windows, Linux

Projects

Rent-It: Bike and Car Rental Management System
Technologies: Java, C#, .NET Core Web API, Spring Boot REST API, Microservices, React JS, MySQL, GitHub

- Developed a web-based application to simplify and automate the process of renting vehicles.
- Enabled users to create accounts, log in securely, browse available bikes and cars, and book vehicles based on availability.
- Provided an administrative module for efficient management of vehicles, users, bookings, and rental pricing.
- Improved operational efficiency by maintaining accurate records of rentals and availability.

Employee Payroll System
Technologies: Java, OOP

- Developed a Java-based payroll management system to automate salary calculations and employee record management.
- Implemented OOP principles using an abstract `Employee` class with concrete subclasses for different employee types.
- Designed a terminal-based interface for seamless data entry, salary computation, and payroll report generation.
- Optimized payroll calculations to handle large datasets efficiently with minimal computation time.

FLOODGUARD: IoT-based Flood Detection
Technologies: 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