Rakesh Honawad

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SUMMARY

Engineering graduate with hands-on experience in backend development, cloud technologies, and emerging tech like AI. Proficient in Java, Spring Boot, and DevOps tools, with a strong foundation in building scalable, real-world applications.

EXPERIENCE

Internship

South Western Railway   **February 2024 – April 2024, Bengaluru, India**

· Gained hands-on experience with Railway Intranet and Network Management System, enhancing understanding of network infrastructure.
· Supported Telecom Exchange and ISDN operations, building skills in telecom protocols and system monitoring.
· Completed internship with 95% satisfaction rating, demonstrating strong technical and learning abilities.

Internship

SGC INFOTECH   **August 2021 – September 2021, Hubli**

· Developed 5+ IoT applications using Arduino, GSM, GPS, and Blynk, enabling real-time remote monitoring and automation.
· Achieved 30% improvement in system response time and 95% alert accuracy through optimized hardware–software integration.
· Demonstrated proficiency in embedded systems and IoT programming across 3+ projects focused on smart automation solutions.

PROJECT

Bookstore Management System

November 2024 – January 2025
· Built a Book Store API using GOLANG, Gorilla Mux, and GORM with MySQL.
· Developed RESTful endpoints for book management. Ensured efficient database handling with GORM.
· Hosted project on GitHub for version control.

Online Exam Proctoring System

June 2023 – April 2024
· Developed an AI-powered online exam proctoring system to detect cheating activities like mobile usage and multiple faces.
· Built a secure, role-based login system for students and teachers to manage exams efficiently.
· Deployed a cloud-based architecture for scalable, secure data storage and access.
· Integrated advanced analytics and reporting features, providing real-time monitoring and comprehensive exam session insights for enhanced integrity and academic credibility.

Night Theft Detection System

April 2021 – September 2021
· Designed a motion-based security system using Arduino, ESP8266, PIR sensors, and camera for real-time detection and image capture.
· Built a Blynk-based mobile app for remote alerts, monitoring, and user authentication.
· Added automated lighting control to enhance security and deter intrusions.

EDUCATION

Bachelor of Engineering – Electronics and Communication Engineering

M S Ramaiah Institute of Technology · Bengaluru, India · 2024

Diploma – Electronics and Communication

Government Polytechnic College · Belagavi, India · 2020

SSLC

Yelson School · Gokak, India · 2018

SKILLS

Languages: Java, C, C++, Go, Python, SQL, HTML, CSS, JavaScript

Cloud/DevOps :AWS, Docker, Terraform, Ansible, Git

Frameworks/tools :Spring Boot, JPA, JDBC, Maven, Gradle, JUnit5, Postman

IDE /Editors : VS Code, IntelliJ IDEA, Eclipse

Methodologies :OOP, Agile, SDLC, STLC, CI/CD

CERTIFICATIONS

Web Development Fundamentals – IBM Skill Build
IBM Skill Build · May 2025

Agile Explorer – IBM Skill Build
IBM Skill Build · May 2025

AWS Cloud Practitioner Essential –AWS Skill Builder
AWS Skill Builder · May 2025

Emerging Technology
Edunet Foundation · 2023