Rakesh Honawad

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○ GitHub   in LinkedIn

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 and reliable real-world applications in Agile environments.

PROFESSIONAL EXPERIENCE

South Western Railway
Feb 2024 - Apr 2024

Internship

Conducted a thorough analysis of the Railway Intranet and Network Management System, enhancing my understanding of telecom infrastructure and contributing to operational efficiency.

- Gained hands-on experience in Telecom Exchange and ISDN operations, deepening understanding of railway telecommunications.
- Completed internship training with a 95% satisfaction rating and commendation from supervisors.

SGC INFOTECH
Aug 2021 - Sep 2021

Internship

Designed and implemented various IoT applications with Arduino, GSM, and Blynk, optimizing real-time monitoring and enhancing response times by 30%.

- Integrated GSM and GPS modules for efficient remote communication and tracking, ensuring a high accuracy rate of 95% for real-time alerts.
- Delivered multiple IoT projects, demonstrating strong skills in embedded systems and real-time monitoring.

PROJECTS

Bookstore Management System
2024

Developed a RESTful Bookstore API using Go, Gorilla Mux, and GORM with MySQL integration.

- Engineered REST endpoints to facilitate book management functionalities.
- Optimized database interactions employing GORM for efficiency.
- Utilized GitHub for version control and collaboration.

Motion-Based Intrusion Detection System
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.

Online Exam Proctoring System
2024

Developed an AI-powered online exam proctoring system to detect cheating activities such as mobile usage, tab switching, eye tracking, and presence of 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.

EDUCATION

M S Ramaiah Institute of Technology   *Oct 2021 - Nov 2024*

Bachelor of Engineering - Electronics and Communication Engineering

Government Polytechnic College   *Jul 2018 - Oct 2021*

Diploma - Electronics and Communication

Yelson School

SSLC

SKILLS

HTML, CSS, JavaScript, ReactJS, Tailwind CSS, Java, C, C++, Go, Python, SQL, Spring Boot, JPA, JDBC, REST APIs, AWS, Docker, Terraform, Git, Maven, Gradle, JUnit5, Postman, GitHub, Object-Oriented Programming (OOP), Agile, SDLC, STLC, CI/CD

CERTIFICATIONS

- Web Development Fundamentals – IBM Skill Build
- Agile Explorer – IBM Skill Build
- AWS Cloud Practitioner Essentials – AWS Skill Builder
- Virtual Internship on Emerging Technologies – Edunet Foundation