

RAHUL VARIMADLA

JAVA DEVELOPER

📞 9502996651
✉️ rahulvarimadla566@gmail.com
🏠 Jangaon, Telangana.
🌐 <https://www.linkedin.com/in/rahul-varimadla-00052b247/>

PROFESSIONAL OVERVIEW

Electronics and Communication Engineering graduate with strong foundations in software development, proficient in Java, Python, Oracle SQL, and JDBC. Experienced in building database-driven applications and implementing efficient backend logic. Skilled in frontend development and capable of integrating full-stack workflows. Quick learner with solid problem-solving skills, seeking an entry-level software engineering role.

WORK EXPERIENCE

- Fresher.

ACADEMIC PROJECTS:

1. **Minor project:** Finger print based Exam Hall Authentication System
 - Built a biometric authentication system using **Arduino, R307 fingerprint sensor, 16x2 LCD**, and regulated power supply.
 - Programmed embedded C code for fingerprint enrollment, template matching, and real-time verification.
 - Implemented LCD-based status display for authentication feedback and streamlined exam hall entry.
2. **Major Project:** Smart Hospital Management System.
 - Built a Smart Hospital Monitoring System using ESP32, SpO2, DHT22, and MQ135 sensors with I²C OLED display for real-time vitals visualization.
 - Programmed embedded C for sensor interfacing, data processing, and threshold-based alerts.
 - Integrated Blynk IoT for wireless data transmission, remote monitoring, and automated notifications.

JAVA PROJECTS:

1. **A CUI Project as Student Management System:**
 - Developed a Java Console-Based Student Management **System** integrated with an Oracle database using JDBC.
 - Implemented functionalities to add, delete, edit, and search student records by roll number directly through a CUI interface.
 - Utilized JDBC for secure CRUD operations, ensuring reliable data storage and retrieval from Oracle DB.
2. **A GUI Project as Restaurant Management System:**
 - Developed a Java Swing/AWT Restaurant Management System with Oracle DB backend and JDBC for CRUD operations.
 - Implemented role-based access control for Admin and Cashier modules, supporting menu management, order processing, and billing.

EDUCATION

Bachelors of technology

Christu Jyothi Institute of technology and science

Intermediate

Sri Chaitaniya Junior College
2022

SKILLS

- Java Full Stack
- Python
- HTML
- CSS
- Java Script

LANGUAGES KNOWN:

- English
- Telugu
- Hindi

CERTIFICATIONS

Deloitte Job Simulation on
Data Analytics
2025

Place Mantra

Frontend development internship
2024-2025

PROFESSIONAL DEVELOPMENT

AR and VR Workshop
XRMONK, NIT Warangal
2025