

# RAHUL VARIMADLA

JAVA DEVELOPER

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## 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 I<sup>2</sup>C 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 Chaitanya 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