

# RAKESH MANUBOLU

☎ +91-9121970425 • ✉ manubolurakesh1@gmail.com • 🏠 Rakesh Manubolu • 🌐 Rakesh-Manubolu

## SUMMARY

B.Tech IT student skilled in C, Java, Python, and software development, with hands-on experience in frontend design and IoT solutions. Built scalable applications and optimized code during internships. Proficient in problem-solving and debugging. Showcased collaboration and innovation in national hackathons. Eager to contribute technical expertise and creativity to dynamic software development roles.

## EDUCATION

### B-TECH, Information Technology

Lakireddy Bali Reddy College of Engineering  
Mylavaram, Andhra Pradesh

Graduating 2026

8.56 GPA

## TECHNICAL SKILLS

**Programming:** C, Java, Python, JavaScript, TypeScript

**Web Technologies:** HTML, CSS, Bootstrap, Tailwind CSS, React JS, Node JS, Express JS

**Databases:** SQL, MongoDB

**Design & UI/UX Tools:** Figma, Canva, Photoshop, AutoCAD, StartUML, UI/UX

**Development & Productivity Tools:** MS Office, Git, VS Code

**Network & System Knowledge:** Networks (ongoing)

## PROFESSIONAL EXPERIENCE

### Smart Home Industrial Solutions, Vijayawada, India: Developer Intern

May 2024 – Jul 2024

- Built an AIoT-based smart healthcare system for real-time body temperature monitoring using IoT sensors boards.
- Integrated sensors with Python and TensorFlow for edge AI and data analysis.
- Collaborated on Raspberry Pi programming and cloud integration for scalability.

## ACADEMIC PROJECTS

### Blood Group Recognition through Fingerprint

A biometric identification system using IoT and Deep Learning

- Developed an IoT-based system that integrates deep learning models to predict blood groups from data.
- Biometric inputs captured and analyzed using fingerprint sensors for real-time health diagnostics.

### College ERP Portal – Backend with React JS

A MERN stack project for educational ERP systems

- Built ERP portal using MongoDB, Express.js, React.js, and Node.js to streamline student and faculty operations.
- We introduced custom functionality to improve user experience, data management, and institutional workflows.

### URVERSE – Movie Ticket Booking Website

A Java-based backend project for online ticket reservations

- Designed a Java backend to support seat booking, coupon application, and secure data handling.
- Focused on scalability, security, and user convenience for entertainment service workflows.

## CERTIFICATIONS

**Salesforce Certified AI Associate** – Validated foundational knowledge of AI applications in Salesforce ecosystem

**CISCO CPA Programming Essentials in C++** - Completed core C++ programming fundamentals and OOP concepts.

**CISCO Python Essentials 1** – Acquired practical knowledge in Python programming, syntax, and logic structures.

**Microsoft Azure AI Fundamentals** – Gained foundational understanding of AI workload and Azure services.

**Mastering Figma: UI/UX Design (GUVI)** – Completed beginner to expert-level training in UI/UX using Figma.

## ACHIEVEMENTS

🏆 Winner of Smart India Hackathon 2024 Hardware Edition; led team to secure Rs.1,00,000 Cash prize.

🏠 Runner-up at Innostes Solutions Pvt. Ltd Hackathon; led full-stack web development team.

🎯 Conducted Medha Quiz at Lakshya-2K25, a national-level technical fest

🔧 Student Coordinator for Internal Hackathon (HACKIT-2K24), managing event logistics and participation