

# Akhil Maddi

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## PROFILE

Computer Science Engineering student graduating in 2026 with hands-on experience in Python, SQL, and web development. Built IoT and machine learning projects involving real-time data and model evaluation. Seeking an entry-level software role to apply Python, databases, and problem-solving skills. Quick learner with a strong foundation in teamwork and adaptability.

## EDUCATION

### Bachelor of Technology (B.Tech) in Computer Science and Engineering

Trinity College of Engineering and Technology, Karimnagar (Affiliated to JNTUH)

Expected Graduation: 2026 | CGPA: 8.84/10

Relevant Coursework: Python, DBMS, OOP, Web Development

**Intermediate (MPC)** — Govt. Junior College Boys, Siddipet — Completed: 2022 — Percentage: 97.1%

**Secondary School (SSC)** — Sri Vani High School, Siddipet — Completed: 2020 — CGPA: 10.0/10

## EXPERIENCE

### Web Design Intern — *Sparks to Ideas* (Apr 2025 – May 2025)

- Built responsive multi-page web layouts using HTML, CSS, and Bootstrap 5.
- Implemented UI animations using Animate.css and jQuery.
- Tested and fixed layout issues across Chrome, Firefox, and Edge.

## PROJECTS

### IoT-Based Real-Time Health Monitoring System (Raspberry Pi, Sensors, LCD)

- Developed a Raspberry Pi-based system to monitor heart rate and body temperature using sensors.
- Displayed real-time sensor data on an LCD and transmitted it wirelessly.

### Machine Learning-Based Kidney Disease Prediction

- Preprocessed patient data and trained classification models using Scikit-learn.
- Evaluated models using Python with Pandas for data handling and Matplotlib for visualization.

## SKILLS

**Languages:** Python, JavaScript

**Web:** HTML, CSS, Bootstrap

**Database:** MySQL

**Tools:** Git, VS Code, Jupyter Notebook

**Analytics (Basic):** Excel, Power BI

## ACHIEVEMENTS/CERTIFICATIONS

- Code Unnati Program (SAP & Edunet Foundation): Machine Learning, IoT, Deep Learning, Computer Vision, SAP ABAP on BTP (2024-2025)

## ADDITIONAL INFORMATION

- Currently building skills in Full-Stack Development with Python-based systems.
- Languages: English, Telugu, Hindi
- Strong teamwork and communication skills demonstrated through academic and internship projects.