

Chaithanya Sai Krishna

Anantapur · 8555927917 · saikrishnachaithanya17@gmail.com

Summary

Motivated and detail-oriented software and embedded systems enthusiast with experience in IoT-based projects, backend development, and application development. Skilled in Python, C, SQL, HTML, CSS, and Embedded C with strong analytical and problem-solving abilities. Adept at data handling, research, and process improvement. Seeking to leverage technical expertise and attention to detail in challenging roles within software development and emerging AI technologies.

Experience

Actrofite InfoTech Company

Backend Developer Intern, Anantapur

Aug 2025 – Present

- Training in backend development using PHP and MySQL.
- Learning database design, query writing, and server-side scripting.
- Exposure to SDLC, debugging, and problem-solving in real-time projects.

Roaman Technologies

Application Development Intern, Anantapur

Feb 2025 – Apr 2025

- Assisted in developing and testing web and mobile applications.
- Worked with front-end (HTML, CSS, JavaScript) and back-end (Python/Java/PHP) technologies.
- Gained experience in databases (MySQL/SQL) for managing application data.

Projects

Smart LPG Gas

Fire Detection System (IoT)

- Architected an end-to-end IoT safety solution with real-time gas/fire detection.
- Integrated cloud-based alert system (Telegram) and automated actuator control.
- Applied modular programming and sensor data handling.

Placement Reports Management System (Web)

- Built a web-based CRUD application to manage placement records.
- Developed responsive frontend, backend authentication, and SQL queries.

Obstacle-Avoiding Robot

- Implemented sensor-based navigation logic and real-time motor control.
- Optimized embedded code for obstacle handling.

Anti-Sleep Alarm for Drivers

- Designed a low-power embedded device with movement-triggered alerts.
- Implemented event-driven code structure using modular C functions.

Education

B.Tech – Electronics and Communication Engineering

Sri Venkateswara Institute of Technology, 2021 – 2025

Intermediate (MPC) – Narayana Junior College, 2019 – 2021

SSC – Narayana Concept School, 2018 – 2019

Skills

Programming: Python, C, SQL, HTML, CSS, Embedded C, Java

Frameworks/Techologies: IoT Web Development, OOP

Tools/IDEs: Arduino IDE, VS Code, Eclipse, Postman

Microcontrollers/Platforms: Arduino UNO, ESP32, STM32 (Nucleo C031C6), Wokwi

Databases: MySQL

Operating Systems: Windows

Professional: Fast Learning, Adaptability, Critical Thinking, Research, Confidentiality, Process Adherence, Problem-Solving, Attention to Detail, Teamwork, Documentation, Multi-tasking, Ownership, Process Improvement

Achievements

2nd Place – Circuit Design Competition, College Fest

Publication: Innovative Technologies Transforming The LPG Sector, IJSREM, 2025