

KURAKULA SUJITH

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SKILLS

Programming: Java, JavaScript

Frontend: React, HTML, CSS

Backend: Spring Boot, REST APIs

Database: MySQL

Core Concepts: OOPS, DBMS, Computer Networks

PROJECTS

Real-Time Smart Water Filler using IIoT

May 2025 – July 2025

Embedded Systems Project

- Designed and implemented a **real-time automated water filling system** using sensors and controllers.
- Integrated **IIoT concepts** for monitoring water levels and system status efficiently.
- Improved water utilization efficiency through **sensor-driven automation**.

Energy-Efficient Smart Street Lighting

May 2024 – July 2024

Embedded Systems Project

- Developed an **energy-efficient street lighting system** using embedded controllers and sensors.
- Enabled **automatic light control** based on environmental conditions to reduce power consumption.

INTERNSHIP

SPYPRO Technology

May 2025 – July 2025

Embedded Intern

- Worked on **embedded system development** involving microcontrollers and sensors.
- Assisted in building and testing **IoT-enabled hardware prototypes**.

Young Minds Technology

May 2024 – July 2024

Embedded and IoT Intern

- Developed **IoT-based applications** integrating sensors with cloud platforms.
- Gained hands-on experience in **hardware-software integration**.

CERTIFICATIONS

- Embedded Systems Internship – YoungMinds Tech [Link]
- Embedded & IoT Internship – SPYPRO Tech [Link]
- IoT & Embedded Systems Projects [Link]
- Coursera Certifications [Link]

ACHIEVEMENTS

Awarded **Best Innovative Project** at college for Smart Water Filler using IIoT.

Participated in **Hackathon 2024**, collaborating on problem-solving and prototyping.

Completed multiple **IoT-based hardware projects** integrating sensors and cloud services.

EDUCATION

Potti Sriramulu Chalavadi Mallikharjuna Rao College of Engineering & Technology 2022 – 2026

B.Tech in Electronics and Communication Engineering, CGPA: 7.26

India

Narayana College

2020 – 2022

Intermediate MPC, CGPA: 8.75

India