

CURRICULUM VITAE

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Career Objective

A driven computer science student at IIIT Hyderabad with boundless curiosity for technological innovation. Equipped with solid programming fundamentals and electronics knowledge, I thrive on tackling intricate challenges and transforming ideas into functional solutions. Seeking opportunities to apply my academic foundations to meaningful projects while continuously expanding my expertise in this rapidly advancing field. Ready to bring fresh perspectives and unwavering dedication to the world of computer science and engineering.

Education

- IIIT Hyderabad — B.Tech (2024-2028)
- Navrang high,ahmedabad — Grade 11-12
- Nirman high,Ahmedabad — Grade 1-10

Achievements

- Scored 91% in Class 10 Board Exams
- Scored 89% in Class 12 Board Exams
- JEE Mains: Rank 573, Percentile 99.97
- JEE Advanced: Rank 5501

Technical Skills

- Programming Languages: C, C++, Python
- Web Development: HTML, CSS, JavaScript
- Scripting: Bash
- Low-level Programming: Assembly Language
- Tools/Platforms: Arduino IDE, MQTT, FlaskAPI, MySQL, Thingspeak

Projects

- Smart Irrigation System (IoT Project)

Technologies Used: ESP32, Relay Module, Water Pump, DHT Sensor, Soil Moisture Sensor, Solenoid Valves, Arduino IDE, MQTT, Thingspeak, Python, FlaskAPI, MySQL

- Designed and built a smart irrigation system tailored for individual plant needs.
- The system calculates the ideal watering schedule and amount using live temperature and soil moisture data.
- Enabled sustainable and efficient water usage through automated control and cloud integration.