Tanmay Sugnadhi

Phone: +91 9492064302
Email: tanmayedu2@gmail.com
Github: github.com/TanmaySugandhi

SUMMARY

Detail-oriented and proactive B.Tech student passionate about solving problems and learning through hands-on experience. Comfortable working across various roles and technologies, with a strong foundation in logical thinking and collaboration. Eager to grow through internships or project-based roles.

EDUCATION

B.Tech in Electronics and Computer Engineering
Sreenidhi Institue of Science and Technology, Hyderabad | 2022 – 2026
CGPA: 8.5/10

Intermediate (MPC)
FIITJEE Junior College, Hyderabad | 2020 – 2022
Percentage: 93%

SSC / 10th Standard
St. Paul's High School, Hyderabad | 2008 - 2020
GPA: 9.8/10

PROJECTS

PhishBlade – *Phishing Link Detection Extension & Website*
Developed a browser extension and website that detect phishing URLs using various API, providing real-time alerts. Built with React, Node.js, and Express.js. Delivered as part of the Nexovate hackathon team project.

Pet Health Monitoring System - *IoT Based Health Tracking*
Collaborated on an IoT-based wearable device to monitor pets' vital signs using NodeMCU and sensors (ECG, temperature, accelerometer). Enabled real-time alerts to pet owners.

Smart Terra Compost – *IoT Smart Composting System*
Contributed to designing an ESP32-based composting system with sensors to monitor environmental factors. Part of a funded project (₹2 lakh) focused on sustainable waste management.

INTERNSHIP

PCB Design Intern
Aayan Industrial Solutions, Hyderabad — May 2024 – Jun 2024
- Gained hands-on experience in designing PCB layouts using KiCad for various electronics projects.
- Worked on converting circuit schematics to manufacturable PCB designs, ensuring component placement and routing best practices.

SKILLS

Languages: Java, Python, JavaScript, HTML, CSS, Node.js, Express.js, React (basics)

Tools & Platforms: Git, GitHub, MongoDB (basics), Postman

IoT & Hardware: BlynkIOT, ArduinoIDE

Design: Fusion 360, KiCad, Cura

ACHIEVEMENTS & ACTIVITES

Runner Up – *CyberStrike'24 Hackathon*: Solved CTF challenges as a 2-member team .

Coordinator – *Ranveera at Roboveda'24*: Led volunteer operations for the flagship robotics event.

Executive – *CAD & PCB Design:* Conducted Fusion 360 and KiCad training sessions for juniors.

Documentation Head – *Esports Club:* Managed documentation and reporting for club activities and events.