

Budumuru Sanjusha

Hyderabad - India

✉ sanjusha0210@gmail.com

Objective

Motivated and proactive third-year undergraduate student at Geethanjali College of Engineering and Technology, with a strong ability to quickly adapt to new technologies and collaborate effectively in team environments. Eager to gain hands-on experience, contribute to meaningful projects, and continue developing both personally and professionally.

Education

Geethanjali college of engineering and technology (Electronics and Communication)	2022-2026	8.2
Sri Gayatri Junior College(MPC)	2020-2022	9.7
Sri Sai Ram High School (SSC)	2020	10.0

Technical Skills

- **Programming Languages** (C, Java, Python)
- **Software Development** (HTML, CSS)
- **Tools** (VS code, Arduino IDE, MATLAB).

Soft Skills

- Communication, Problem Solving , Team Work, Time Management, Leadership Skills.
- IEEE 2025 Member .

Projects

- **WatchDog**
 - Designed and developed the front-end interface for the 'Watch Dog' project during my internship, delivering a user-friendly and visually appealing web page. Received positive feedback from team members for the design quality, responsiveness, and functionality.
- **Sirani**
 - Led the creation of the front-end for the 'Sirani' project, delivering a seamless user experience that significantly increased client satisfaction.
- **Automatic Railway Platform Connector**
 - Designed and developed using Arduino and Embedded C to address the safety issue caused by the gap between train and platform. The system uses IR and ultrasonic sensors with servo motors for real-time automatic deployment of a connector, aiming to prevent passenger accidents and enhance railway safety.
- **Alarm Clock using VEGA Processor**
 - Built a digital alarm clock using the VEGA processor board programmed in Embedded C. Implemented real-time clock functionality, user-set alarms, and buzzer activation. Project aimed to demonstrate time management features and practical use of RISC-V architecture in embedded applications.

Volunteer Experience

- Served as a Volunteer for a 48-hour hackathon organized by the IEEE SB at our college, managing the participation of over 200 students.
- Served as a Volunteer for a Alphamatica 2024, organized by the FE department at our college, managing the participation of over 50 students.

Certifications

- **Nettms Urban Habitat**
 - Successfully completed an internship at Nettms Urban Habitat, specializing in web development. Gained practical experience by contributing to the creation and optimization of user-friendly websites, and was awarded a certificate of completion.
- **AICTE Microchip**
 - Successfully completed an internship at AICTE Microchip, focusing on embedded systems. Gained practical experience in hardware and software integration, and earned a certificate of completion.
- **NPTEL**
 - Successfully completed the NPTEL exam in Python for Data Science, offered by IIT Madras, achieving a score of 67%.

Extra Curricular Activities

- Participated in 'Hacktronics', a 24-hour hackathon organized by Anurag University, with over 250 students taking part, and received a certificate of participation.
- Attended a 5 –Day Hands- on workshop on 5G Communication and Implementations (Chandra Research Labs Pvt.Ltd.) .

Languages

English , Hindi , Telugu