

GANGASANI APARNA LAKSHMI

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EDUCATION

CMR College of Engineering and Technology

B.Tech Electronics and Communication Engineering CGPA: 8.96

November 2021 – May 2025

Sri Chaitanya Jr Kalasala

Intermediate (MPC) 86%

April 2019 – March 2021

Vignan Bo-Tree School

High School 88%

April 2018 – March 2019

SKILLS

Programming Languages	: C, C++, Python
Front-end	: HTML, CSS, Bootstrap, JavaScript
Database	: SQLite
Other Skills	: Tosca(Basics)

PROJECTS

Gesture control gadget:

This innovative design enables users to control computer or laptop desktop functionalities through simple hand gestures, eliminating the need for conventional input devices like a mouse or keyboard. By incorporating ultrasonic sensors, the HC-05 Bluetooth module, and PyAutoGUI, the system efficiently exchanges data between the user and the computer, offering a seamless and immersive experience.

Line follower robot:

Line Following Robot is an autonomous mobile machine designed to follow a predefined path, typically a black line drawn on a contrasting surface. The robot employs sensors, often infrared (IR) sensors, to detect the line and adjust its movements accordingly.

PORTFOLIO:

Created a basic portfolio website about myself using HTML and CSS.

Link: <https://appuaparna19.github.io/PersonalPortfolio/>

ACHIEVEMENTS

Best project in SIP (Social Innovation in Practice)

Winners of SAE Hyderabad division southern section in IOT(2022-23)

Runners of SAE NATIONAL LEVEL STUDENT CONVENTION 2022-23 in IOT

Winners of SAE Southern Hyderabad division in Mobile robotics(2023- 2024)

CO-CIRCULAR ACTIVITIES

SAE club member - Executive Chair Head

Team Leader in SIP, EEP