Melanathuru Sahil

PROFILE

Skill-obsessed Electronics and Communication Engineer, who always strives until the task finishes, looking for a job in a well reputed organization, preferably in the field of Wireless Communication, VLSI, Embedded Systems. With special interest in the areas like Robotics. Can work under pressure, and independently if needed. I can be a very good team person. I can think out of the box for solving a complex problem. I can come up with a highly efficient solution. If given the chance, I can prove my worth.

EDUCATION

- **B.Tech Electronics and Communication Engineering**
  CGPA – 8.02 / 10   **2019-2023**

Amrita Vishwa Vidyapeetham

- **Class 12** – 99.6%   **2019**

Institution: Bhashyam Junior College

- **Class 10** – 100%   **2017**

Institution: Nellore's Ravindra Bharathi School

TECHNICAL INTERESTS

- Wireless Communication
- Robotics
- VLSI
- Embedded Technology

PROJECTS

- Topic: Smart wrist band for women safety
  Duration/Period: 10 Days
  Objective: To design a prototype which helps to send the location of a woman in danger
  Tools or techniques used: Arduino UNO, GSM Module, GPS Module
  Outcome: Objective implemented successfully and device was in perfect condition and ready to use.
- Topic: Line follower using PID algorithm
  Duration/Period: 15 Days
  Objective: To develop a prototype which follows a particular line with an adaptive learning algorithm which helps to optimize the output or make it error – free.
  Tools or techniques used: The tools used in this project were Arduino UNO, Motor Shield, DC Motors, IR Sensors.
  Outcome: Objective implemented successfully. The designed DIY was able to take sharp turns and was also able to carry the payloads from one place to another.

TECHNICAL SKILLS

- C
- Embedded C
- Python
- VLSI
- Circuit Design
- Electronic Soldering

- Zero PCB design
- Embedded

ACHIEVEMENTS & HONOURS

- Name: Science event (campus level)
  Area / Topic / Details: in this event it was asked to demonstrate any science concept or to showcase our talents. It was organized on the occasion of SIR CV Raman's Birth anniversary.
  When & Where: In the month of November, 2019
  Achievement: Won first prize for demonstration
- Name: eyantra 2021
  Area / Topic / Details: It is an innovation challenge by IIT Bombay which encourages students to come up innovative solution for the given set of problem statements related to agriculture, to join the SINE incubation center.
  When & Where: from October to April, 2021-22
  Achievement: One of the finalist teams

LANGUAGES

- Telugu
- Tamil
- Hindi
- English

HOBBIES

- Cooking
- Painting
- Problem solving.