**Sampath Sanka**

**PROFILE**

A creative and determined Electronics and Communication Engineering junior passionate about the technical areas such as VLSI, and Digital Systems.

**EDUCATION**

* **B.Tech** **Electronics and Communication Engineering**

**CGPA – 8.85 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 98.8% **2019**

Institution: NARAYANA, Vijayawada

* **Class 10** – 100% **2017**

Institution: Sasi Educational Institutes, Vellivenu

**PROJECTS**

**Contactless Switch using hand movements**

Switching the devices on and off using hand movements.

When hand movement is detected by the gesture sensor, it is given as a interrupt to the microcontroller, then respective relay circuit is closed.

**Customer Market Segmentation using Machine Learning**

Credit card details of the customer is collected, from the data we have to find the potential customer.

**TECHNICAL SKILLS**

C, Arduino, Python(Basics),Verilog(Basics), Dsch2, LTspice, HFSS, MATLAB

**CERTIFICATIONS**

**Internet of Things**

The training consisted of Building an IoT Monitoring

System, Controlling Devices Over the Internet, Cloud, APIs, and Alerts, and Machine Learning with

**Programming with Python**

The training consisted of Basics of Programming with Python, Principles of Object Oriented Programming.

**LANGUAGES**

English, Hindi, Telugu