**SAI CHANDRA KALYAN AVISETTY**

**PROFILE**

An Electronics and Communication engineer, who is very much keen enough on exploring the field of the languages and networks in which computers and electronic devices communicate.

Area of Interests are among Machine Learning, Digital Electronics and Computer Networking.

**EDUCATION**

* **B.Tec** **Electronics and Communication Engineering**

**CGPA – 8.56 / 10 2019 – 2023**

Amrita School of Engineering,

Amrita Vishwa Vidyapeetham, Bangalore

* **Class 12** – 92% **[TSBIE] 2019**

Institution: Fiitjee Junior College

* **Class 10** – 100% **2017**

Institution: Vikas The Concept School (CBSE)

**TECHNICAL INTERESTS**

* Machine Learning
* Digital Electronics
* Computer Networking

**PROJECTS**

* **Classifying a complex N x N dimension dataset without any predefined class**

Can classify any data set with any dimensions based on any number of attributes

Used K-means clustering

* **Cryptography Model Using Python**

Can be used to encode any message which can decoded later

Secure communication can be achieved from both sides

* **AI Voice Assistant System**

Used python and enabled the communication of voice assistant

Defined custom functions to make the voice assistant follow basic commands

* **Stress Meter Monitoring System**

Can be used to check the stress levels of any person and act according to it

Used skin resistance as the main parameter for determining the levels using touch pad

**CERTIFICATIONS**

* **PCAP: Programming Essentials In Python English**

Cisco Networking Academy, OpenEDG Python Institute

**TECHNICAL SKILLS**

* Python Programming (Developer)
* Cisco Packet Tracer (Intermediate)
* C language (Intermediate)
* MATLAB (Intermediate)
* Dsch2 (Developer)
* Jupyter Notebook(Intermediate)

**LANGUAGES**

* English - Full Professional Proficiency
* Telugu - Native or Bilingual Proficiency
* Hindi - Professional Working Proficiency

**ACHIEVEMENTS & HONORS**

* Secretary of Raaga -The Music Club (2021-22)
* Part of the school band that participated in Karnataka State Republic Day celebration (2015)

**HOBBIES**

* Video Games
* Daily Exercise
* Cricket
* Cooking
* Movies
* Football