**SAI DIVYA SANTOSHI VARREY**

**PROFILE**

A budding Electronics and Communication engineer, seeking an entry level position in a challenging environment, that enhances my present skills and knowledge and which also demands the best of my technical and analytical skills, resulting in meaningful contribution towards organizational growth along with personal as well as professional development.

**EDUCATION**

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

**CGPA – 7.5 / 10 2019 – 2023**

Amrita School of Engineering,

Amrita Vishwa Vidyapeetham, Chennai

* **Class 12** – 77% **[CBSE] 2019**

Institution: Shri B.S. Mootha Girls’ Sr.Sec.School

Subjects: Phy, Chem, Math, Bio

* **Class 10** – 94% **[CBSE]** **2017**

Institution: Shri B.S. Mootha Girls’ Sr.Sec.School

**TECHNICAL INTERESTS**

* Machine Learning
* Computer networks

**PROJECTS**

**Deep Learning for Sunspots and Geomagnetic Storms**Duration/Period:Jan 2022 - April 2022  
Objective: Built a predictive deep learning model that can predict the number of sunspots and can also predict the Disturbance Storm Time Index which is a measure of geomagnetic activity used to assess the severity of geomagnetic storms using deep learning algorithms.

**Stock Price Prediction Model using Deep Learning**Duration/Period:Jan 2022 - April 2022  
Objective: Built a predictive deep learning model that can predict the NSE and NYSE Stock Prices.

**Intelligent Voice Controlled Multi-Purpose Robot**Duration/Period: Aug 2021- Nov 2021  
Objective: Built a robot that can be controlled by voice commands by using a Bluetooth module and a smartphone, which can be used for a variety of purposes.

**Predictive Model to Compute Eligibility Test for Loans**Duration/Period: Aug 2021- Nov 2021  
Objective: Developed a predictive machine learning model that can help banks to figure out who is eligible for loans based on past financial records. The paper was presented at the IEEE IEACon 2022 Conference and it was later published in the IEEE Xplore.

**Wireless Control of Home Appliances using IR Remote and Arduino**Duration/Period: Mar 2021- Apr 2021  
Objective: Developed a system wherein an IR remote can be used to control multiple devices like lights, fan, motor, etc.

**Gas Detection System using LM324 Op-amp**Duration/Period: Oct 2020- Nov 2020  
Objective: This system was designed to identify gas leakage by switching the LED on & also by ringing the buzzer

**CERTIFICATIONS**

* Practical Machine Learning from Udemy (Machine Learning real world finance projects)
* Machine Learning Onramp from MathWorks
* Python 101 for Data Science from IBM Developer Skills Network

**ACHIEVEMENTS & HONORS**

* Amrita Scholarship Program; Acquired 50% scholarship for tuition fee for the first semester of B.Tech in 2019.
* National Level Technical Symposium; Managed and conducted Technical Quiz on behalf of ACSHA (Dept. of ECE, EEE and CCE) in the month of March 2021 in Online mode (ASE Chennai).
* Alumni of Sri Sathya Sai Balvikas; Participated and contributed in various seva activities through the years (2011-2017) in Chennai.
* Participated in music and dance programs in both college as well school level
* Participated in technical competitions, and attended workshops.

**LANGUAGES**

* English
* Tamil
* Telugu
* Hindi

**HOBBIES**

* Reading novels
* Singing
* badminton.