**Sista Venkata Datta Sai Abhishek**

**PROFILE**

An avid upcoming electronics and communication engineer, looking for an entry level position, preferably in the field of digital electronics, with special interests in areas like IoT, VLSI, product design and related fields, so as to bring about personal and professional development as well as business growth to the organization.

**EDUCATION**

* **B.Tech Electronics and Communication Engineering CGPA – 8.71 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 99.4% **2019**

Institution: Prathibha Educare, Rajahmundry

* **Class 10** – 100% **2017**

Institution: Sri Gowthami High School

**TECHNICAL INTERESTS**

Digital and Analog Electronics, VLSI, IoT, Machine Learning

**PROJECTS**

**Customer Feedback Application**  
· Duration/Period: 1 week, 28th August- 05th September 2021  
· Objective: To display the count of positive, negative and neutral reviews by updating the information using cloud platform.

· Tools or techniques used: MIT App Inventor, Thingspeak  
· Outcome: When a customer gives his feedback, the count is increased and that information is stored on Thingspeak channel.

**Sentiment Analyzer**

· Duration/Period: 1 week, 3rd – 10th August 2021

· Objective: To create a software robot that performs the task of sentiment analysis.

· Tools or techniques used: UI Path

·Outcome: The sentiment of a sentence is checked in mentioned website and the output is appended to the excel sheet

**Driver Drowsiness Detection System**   
·Duration/Period: 22nd April – 8th June 2022   
·Objective: To detect the drowsiness of the driver with eyeblink sensor and notify with buzzer.

· Tools or techniques used: Arduino, eyeblink sensor, LCD display, L298N motor driver, DC motor, piezo buzzer.

·Outcome: Buzzer is activated when drowsiness is detected and warning message is displayed and speed of the vehicle decreased

**IPL score prediction**   
· Duration/Period: 15 days  
· Objective: To predict the score of an IPL match based on given statistics.

· Tools or techniques used: Jupyter notebook  
· Outcome: Approximate IPL score is predicted.

**TECHNICAL SKILLS**

Python, Arduino, C, Adafruit, Heroku

**INTERNSHIP**

**Rinex Technologies  
·**Duration/Period: Two months, 13th July- 13th September 2021   
· Objective: To learn and apply the emerging new technologies of IoT and Robotics using different platforms.

·Tools or techniques used: TinkerCAD, Arduino, Thingspeak, UI Path, MIT App Inventor, Google Collaboratory, Adafruit, Google DialogFlow, Heroku, Telegram chatbot.

· Outcome: Two minor projects and two major projects are done successfully by applying the concepts of IoT and Robotics.

**CERTIFICATIONS**

CLAD LabVIEW

**ACHIEVEMENTS & HONOURS**

Amrita Scholarship  
· Area / Topic / Details: Fees concession of 90% upon securing SGPA above 8.1· When & Where: In first three academic years, Coimbatore.

**LANGUAGES**

English, Telugu