BEECHARAJU SRISHWAN

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**EDUCATION**

* B.TECH | Computer Science and Engineering

Nalla Malla Reddy Engineering College, Hyderabad | CGPA: 7.0 (2019 – Present)

* 12 Boards | TSBIE | MPC

Vishra Academy, Hyderabad | 87% (2017-2019)

* 10 Boards | SSC

Gautami Group of Schools, Hyderabad | CGPA : 9.0 (2016-2017)

**ACADEMIC PROJECTS**

* **IoT based Air Quality and Purification System.**

An analysis project that monitor and purify the air pollution levels automatically at the geographic locations. The NodeMCU esp8266 controller analyzes data from MQ2 and DHT11 sensors and stores it in the cloud. If the pollution levels exceed a threshold value, a relay driver activates the purifier to filter out pollutants and release fresh air back into the environment – C++, aurduino IDE, blynk Iot.

* **Machine Learning based wakeup alert system – with an active wearable band.**

Project that aims for the drowsiness detection using machine learning and computer vision techiniques in Python and openCV. System detects closed eyes and yawning, and triggers an alarm and vibrating wristband via RF wireless technology to alert IT employees. Designed and tested system to ensure accuracy and reliability – Python, C++.

* **Revolutionizing E-Commerce: Sentiment Analysis for Enhanced Customer Experience and Sales Growth.**

Sentiment analysis system for an e-commerce review system using natural language processing techniques. The system uses machine learning algorithms to classify reviews as positive, negative, or neutral based on the sentiment expressed. The system utilizes feature extraction techniques and a trained classifier to improve accuracy. Designed and tested the system to ensure reliability and scalability for use in large-scale e-commerce platforms – Python.

* **Response webpage for Food Ordering website** – HTML,CSS.

<https://beecharajusrishwan.github.io/project2/>

**TECHNICAL SKILLS**

* **Programming Skills** : C, C++, JAVA, PYTHON, HTML, CSS, JAVA SCRIPT, Data Structures, Problem Solving.,
* **Database**  : MySQL, DBMS.,
* **Operating System** : Windows, Linux

**NON-TECHNICAL SKILLS**

* Active Listening.
* Problem Solving.
* Critical thinking.
* Creating good rapport.,

**CERTIFICATES**

* Engineering virtual Program by Goldman Sachs.
* Front-End software Engineering Virtual Experience Programme by skyScanner .
* Type writing (Grade 2)
* Data Structures and Algorithms self-placed course in geeks for geeks .

**ACTIVITIES**

* Participated in Smart India Hackathon.
* Participated in Ethical Hacking Workshop conducted by our college.
* Organized Fests at college level.
* Attended IEEE Events.

**LANGUAGES**

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