M BINDUSHA

Visakhaptnam Andhra Pradesh

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Carrier Objective

To secure a challenging position where I can effectively contribute my skills as a professional possessing competent technical skills.

EDUCATION

Vignan's Institute of Information Technology   **2021 − 2025**
Bachelor of Technology in Electrical and Electronics - ***CGPA - (9.0 / 10.0)***   *Visakhapatnam*

Kendriya vidyalaya Steel Plant   **2019 − 2021**
Higher Secondary Examination (Science, MPC) – ***CGPA - (8.2 / 10.0)***   *Visakhapatnam*

Kendriya vidyalaya Steel Plant   **2018 − 2019**
10th (CBSE)– ***CGPA - (8.0 / 10.0)***   *Visakhapatnam*

TECHNICAL SKILLS

Languages: Python , C++ , HTML , CSS.
Developer Tools: VS Code
Data Base: SQL , DBMS, MS Excel
Data Analysis: Data Analytics And Visualization.

PROJECTS

Hazardous Gas Detection : Arduino

- Hazardous gas detection using Arduino entails the utilization of the Arduino microcontroller to monitor and detect the presence of potentially dangerous gases in the environment.
- By employing gas sensors and appropriate data processing techniques, this system can alert users to the existence of harmful gases, facilitating timely intervention and ensuring the safety of individuals and surroundings.
- Strong understanding of gas detection principles, including sensor technologies and calibration procedures

Air Pollution Monitoring : Arduino microcontroller

- Proficient in overseeing a project focused on air pollution monitoring utilizing Arduino microcontroller technology.
- Designed to analyze harmful gases and assess air quality, the project aims to enhance the environmental awareness and public health.
- Skilled in implementing alarm systems to signal deteriorating air quality beyond predetermined thresholds, indicating the presence of harmful gases and promoting timely intervention for pollution mitigation.

Home Automation : Arduino − Bluetooth

- Designed and implemented a home automation system using Arduino and Bluetooth technology.
- Developed custom firmware to control smart devices such as lights, fans, and door locks wirelessly from a smartphone application.

CERTIFICATIONS

- Data Analytics Essentials (Cisco Network Academy)
- SQL Bootcamp (Udemy)
- Python Data Structures –University of Michigan (Cousera)
- Introduction to Computers and Operating Systems and Security- Microsoft(Coursera)

EXTRACURRICULAR

- Volunteered - Ambassador - IEEE Xtreme 17.0
- IEEE Member
- IEEE (PES) SB CHAIR Member