AKIREDDY VARSHINI

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EDUCATION

Malla Reddy College of Engineering and Technology
B. Tech in Computer Science   ***2020 - 2024***
CGPA: 8.98

PROFILE SUMMARY

Motivated Computer Science graduate looking to pursue a career in technical domain, gained solid foundation in Python, HTML, CSS, Java script, AWS through academic projects. Excellent teamwork, interpersonal and communication skills. A quick learner and highly motivated to pursue continuous professional growth.

PROJECTS

Currency Converter   **2024**
Technologies & Tools: HTML, CSS, JAVASCRIPT, API Integration
Responsibilities:

- A currency converter is a web application that allows users to convert one currency to another based on real-time exchange rates. The front end of the application is built using HTML, CSS, and JavaScript, providing a simple and intuitive user interface.

- JavaScript handles the application's logic, capturing user input, validating data, and making API calls to retrieve real-time exchange rates. The API integration is crucial for obtaining up-to-date rates.

Brain Tumor Detection System   **2024**
Technologies & Tools: Python, Open CV, Tensor flow, Machine Learning, AI
Responsibilities:

- Engineered a web application for brain tumor detection leveraging machine learning algorithms and image processing techniques to identify tumors.
- Achieved high accuracy in tumor identification, significantly aiding early diagnosis and improving patient outcomes.

Air Canvas   **2023**
Technologies & Tools: Python, Open CV, PI Camera, Raspberry pi
Responsibilities:

- Designed an innovative hands-free digital drawing canvas utilizing a Pi Camera and OpenCV to recognize and map hand gestures onto the screen.

- Enabled precise and responsive hand gesture recognition, enhancing user interaction for drawing applications.

SKILLS

Python	Git, GitHub	Team Player
HTML, CSS	AWS	Leadership Abilities
Java Script	Java	Excellent Communication
MY SQL	Generative AI	Problem Solving

CERTIFICATIONS

- Advanced Software Engineering Job Simulation by Walmart Global Tech
- HTML Complete Course by Udemy
- Generative Artificial Intelligence
- AWS Technical Essentials by AWS Certification
- SQL and Relational Database by Coursera