NAMITA SATHISH

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Education

Vellore Institute of Technology, Chennai   2023-2028

Integrated. MTech Computer Science Engineering specialization in Business Analytics   **CGPA:9.34**

Projects

Weather Dashboard using OpenWeather API

- Gives the real time weather forecast for the location entered by the user, also displays a 5-day weather forecast (temp, humidity, windspeed) for that location
- Also implements the 'use current location' feature to fetch the user's location to display the forecast

Virtual Canvas- using Python

- This utilizes Python with OpenCV and MediaPipe to create an interactive drawing environment.
- Users can draw using hands gestures and they are captured by the camera, allowing them to select colored markers and erase tools with real-time feedback

Chat-WebApp

- Chat application built using ReactJS, ChatEngine, and Axios.
- Users can login with their credentials ensuring security and has features like Image sharing and Group chat, with a user-friendly UI

IndiVision

- Made a ML model capable of accurately identifying the diverse range of foods from India and can classify images of over 200+ Indian dishes, from various states.
- The model employs transfer learning with MobileNet V2 for feature extraction and classification.

BeatBoxBlitz -game

- An exciting rhythm-based game initially developed on Scratch with mechanics inspired by Geometry Dash.
- The game was later converted into HTML to make it accessible via web browsers.

Technical Skills

Languages: Python, ReactJS, HTML, CSS, JavaScript, PHP, C, Flask

Frameworks: Bootstrap

Tools: SQL, MySQL, VS Code, GitHub

Soft-skills: Leadership, Resilience, Public speaking

Leadership/Achievements

- Student Council Member 2024-25
- Program Representative for two consecutive years (2023-24 and 2024-25)
- 6 th Rank holder in my branch on the basis of CGPA
- Awarded the 'Best All-Rounder' award for being the best outgoing student in the year 2023
- Emerged as Runner in the District-level Badminton tournament conducted by physical education department of Tamil Nadu in 2023