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: C, Python, Java, R, HTML, CSS, JavaScript, PHP

Frameworks: Bootstrap

Tools: SQL, MySQL, VS Code, GitHub

Soft-skills: Leadership, Resilience, Public speaking

**Leadership/Achievements**

* Program Representative of batch 2023-2024
* 6th 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
* Rajyapuraskar Awardee as a guide in Bharat Scouts and guides in the year 2019