NAMITA SATHISH

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Education

Vellore Institute of Technology, Chennai   2023-2028

Integrated. MTech Computer Science Engineering specialization in Business Analytics   **CGPA:9.52**

Experience

DAIRA — *Research & Product Development Intern*
Mar 2025 – Present

- Mapped competitors and identified market gaps by analysis and research in the inclusive education space.
- Identified potential investors and segmented user base to guide outreach and positioning.
- Revamped company website aligning its UI/UX with DAIRA's mission, with for a seamless cross device experience

Spice — *Founders' Office Intern*
Jan 2025 – Present

- Drove customer acquisition and marketing strategy in close collaboration with founders.
- Enhanced website UX and led frontend improvements for product visibility.
- Worked on app feature optimization for seamless group payments and user experience.

Projects

Essential Commodity Price Prediction App:

- A WebApp designed to forecast the future prices of essential food commodities, such as pulses and vegetables, using React frontend with Flask backend to allow user interaction
- This is designed to forecast the future prices of essential food commodities in India using historical price data. It uses ARIMA model to capture trends from past years (2018–2023) and predict prices for upcoming years based on user input

Lumina- Sarcasm and Cyberbullying Detection WebApp:

- Lumina is a dual function webapp built using Flask that detects sarcasm and identifies cyberbullying intent in user entered text
- Integrates two custom-trained ML models: a binary sarcasm classifier and a multi class cyberbullying detector, both using TF-IDF vectorization and Logistic Regression for predictions

Red Bamboo- Restaurant Website:

- Red Bamboo is a fully functional, interactive restaurant website designed to mimic all the key features of an actual restaurant's online presence
- Has seat reservation feature, adding to cart, ensuring a seamless user interface and experience

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)
- 5 th Rank holder in my branch on the basis of CGPA
- Successfully completed a course titled "Introduction to Artificial Intelligence" from *Nanyang Technological University, Singapore* and secured a **Merit** grade.
- Management lead at the Microsoft Innovations Club, a student led club