Mrunmayee Phadtare
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Education

B.Tech CSE with specialization in Health Informatics   2022-2026
Vellore Institute of Technology, Bhopal   CGPA:**8.91**
Class X | Vikas - The Concept School | Percentage:**95.4%**   2019

Projects

Breast Cancer Prediction – October,2024

- Engineered a Convolutional Neural Network (CNN) model utilizing the **AlexNet** architecture in MATLAB on medical imaging data.
- Conducted exhaustive hyperparameter optimization and k-fold cross-validation to refine model parameters, achieving a robust classifier with 96% prediction accuracy.

PhishNet: Phishing Website Detection – April,2024

- Developed a full-stack phishing detection web app using **Flask** (Python) for the backend and **HTML, CSS, JavaScript, and Bootstrap** for a responsive, accessible user interface.
- Designed and trained a machine learning model to classify URLs, achieving **97.4% accuracy** in detecting phishing websites.
- Integrated the ML model into a RESTful API and connected it to the UI for real-time phishing analysis and feedback.

StockSense: Full Stack Stock Trading App – April *2025*

- Developed a full-stack trading platform using **React.js**, **Tailwind CSS**, **Node.js**, **Express.js**, and **MongoDB Atlas**, hosted on **IBM Cloud**.
- Built real-time stock dashboards and AI-powered stock prediction tools for smarter decision-making.
- Collaborated in an agile environment with sprint-based planning and contributed to core modules including **API integration**, **portfolio tracking**, and **analytics UI**.

Technical Skills

- **Languages**: Python, Java, C++
- **Web & App Development**: HTML, CSS, JavaScript, React.js, Tailwind CSS
- **Backend & Databases**: Node.js, Express.js, MongoDB Atlas, MySQL, Flask
- **Technologies**:Machine Learning, Deep Learning, JWT Authentication, REST APIs, Cloud Deployment

Certifications and Achievements

- An Introduction to **Artificial Intelligence** certificate from IIT Madras.
- Certification of **HTML, CSS, and Javascript** for Web Developers from John Hopkins University.
- Demonstrated **problem-solving** and **teamwork** skills through participation in Adobe Hackathon and Smart India Hackathon (SIH).
- **Core Design Team Member**, focused on UI/UX design, responsive interfaces, and front-end visual strategy for web projects.