Nidhi Mahesh

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Summary

Master's student in Information Systems seeking Full-time opportunities. Skilled in Python, SQL, and web development, with internship and project experience in software development and machine learning.

Education

Visvesvaraya Technological University — Bengaluru, India
Bachelor of Engineering in Information Science &Engineering [**CGPA - 8.05**] — Feb 2021 - July 2025

Technical Skills

Programming Languages:	Python, C.
Web Technologies:	HTML5, CSS3, PHP, Wordpress.
Database:	MySQL.

Professional Experience

Intern, RMTS global | Bengaluru — October 2024 - November 2024

- Designed responsive WordPress themes using HTML5, CSS3, and JavaScript, and developed custom PHP plugins for advanced functionalities.
- Optimized MySQL queries, implemented indexing, and integrated CDNs and caching mechanisms for high-performance websites.
- Automated shipment processes in VMS by creating web portals and Android apps for tracking, invoicing, and operations.

Projects

Cafe Management — Jan 2024- Mar 2024

- A cafe management system was conceptualized and developed, showcasing expertise in web development and JavaScript
- The project featured an interactive menu interface for effortless browsing and ordering, blending functionality with user-friendly design.
- By integrating databases with server-side logic, it delivered a comprehensive and robust solution.

Breast cancer detection — May 2024 - Sep 2024

- A project on breast cancer detection using machine learning was developed in collaboration, achieving impressive accuracy.
- The work involved employing algorithms such as Support Vector Machines, Decision Trees, and K-Nearest Neighbors to optimize predictive performance.
- Careful evaluation of precision and recall metrics guided the selection of the most suitable model for medical diagnostics.

Stress detection — Nov 2024- Feb 2025

- The "Stress Detection" project demonstrated exceptional research capabilities and technical expertise through the implementation of advanced algorithms like Random Forest, Support Vector Machines, and Neural Networks.
- A meticulous approach to feature selection and data preprocessing ensured optimal model performance, while complex model outputs were effectively interpreted and enhanced with sophisticated visualizations integrated into web development.

Daily Expense Tracking System (Web Application) — May 2025 - July 2025

- Developed a web-based application to track daily expenses with CRUD functionalities, database-backed reporting, and interactive dashboards.
- Focused on responsive design, financial insights, and user-friendly navigation, ensuring seamless accessibility and effective expense management across devices.

Workshops

- Blockchain Technologies and its Applications – University (Jul 2024)
- ReactJS – University Workshop (Aug 2024)
- Python for Data Science, AI Development –IBM (Jul 2025)
- SQL for Data Science -Coursera (Jul 2025)
- Blockchain Theory and Applications by POSTECH (April 25)
- Introduction to Artificial Intelligence – Coursera (Jun 2025)