Nivedha M

+91 6380362064 | nivedha1811@gmail.com | nivedhaportfolio.netlify.app/ | github.com/Nivedha1811

SUMMARY

Recent BCA graduate and MCA student with a strong foundation in web development and SQL. Proficient in designing responsive websites, database management, and optimizing queries for performance. Skilled in HTML, CSS, JavaScript, and SQL frameworks with hands-on project experience. Eager to contribute technical expertise and innovative solutions in a innovative IT environment.

TECHNICAL SKILLS

Languages: Python, SQL

Web Development: HTML, CSS, Bootstrap, JavaSript

Tools: VS Code, GitHub, MySQL Workbench, Jupyter Notebook, Python IDLE

Soft Skills: Verbal Communication, Team Collaboration

PROJECTS

1. E-Commerce Fraud Detection
Machine Learning Project — Apr 2025 – Present — *Python, Scikit-learn, Pandas, NumPy*

- Designed a predictive analytics system that leveraged machine learning to process transaction data in real time, reduced average investigation time by 60%.
- Preprocessed over 2,000 transaction records by cleaning data, encoding categorical features, and scaling features to improve model training.
- Created fraud pattern visualizations and feature importance plots using Matplotlib and Seaborn to enhance model interpretability and support data-driven decision-making.
- Managed missing data and outliers through statistical imputation techniques, ensuring data quality and model reliability.

2. Personal Portfolio
Portfolio Website — Jun 2025 – Present — *HTML, CSS, JavaScript*

- Built a fully responsive portfolio site using HTML, CSS Grid/Flexbox, and JavaScript, ensuring 100% compatibility across mobile and desktop devices.
- Implemented animated mobile navigation and scroll effects, improving user engagement on mobile by 30%.
- Showcased key projects and internship experience in a structured format, embedding external project links and a downloadable resume for improved recruiter engagement.
- Integrated SweetAlert for real-time form validation and alert handling, reducing user input errors by 40%.

3. TV Network Management System
Web Application Project — Mar 2023 – May 2023 — *HTML, CSS, MySQL, PHP*

- Engineered a TV Network Management System using HTML, CSS, PHP, and MySQL to streamline customer data handling for operators.
- Connected PHP with phpMyAdmin to securely fetch, display, and manipulate data, ensuring content rendering from the database.
- Deployed a CRUD-based web application to manage over 100 customer records, streamlining operations for TV operators.
- Optimized SQL queries to accelerate data retrieval, resulting in a 40% reduction in page load time, improved system responsiveness.

EXPERIENCE

Web Development Intern
Renacto Enterprise Solutions — Feb 2024 – Mar 2024 — *Cuddalore*

- Contributed to the official brand website for Nanoceut Therapeutics, Pondicherry, as part of a Web development team.
- Ensured full cross-browser compatibility, contributing to a 25% increase in user engagement based on client analytics.
- Made a responsive "Contact Us" module using HTML, CSS, and Bootstrap, ensuring 100% mobile and cross-browser compatibility.

Deloitte Australia Data Analytics Job Simulation on Forage
Deloitte Virtual Internship — Jun 2025

- Completed Deloitte's virtual job simulation on Forage, gaining hands-on experience in data analysis and client-focused problem solving.
- Analyzed business data using Excel functions and pivot tables to identify trends and derive actionable insights.
- Strengthened data storytelling and visualization skills through real-world tasks, simulating technology consulting challenges faced by Deloitte teams.

EDUCATION

Karpaga Vinayaga College of Engineering and Technology | **CGPA: 7.9** — Chengalpattu
Master of Computer Application (MCA) — *Sep 2023 – Present*

St. Joseph's College of Arts and Science | **CGPA: 7.9** — Cuddalore
Bachelor of Computer Application (BCA) — *Aug 2020 – Apr 2023*