NAVEEN M

+91 8667482293 | mnaveenm2004@gmail.com | Chennai, Tamil Nadu
https://naveen-m.vercel.app | https://www.linkedin.com/in/naveen-m084 | https://github.com/naveen-m0804 | https://leetcode.com/u/naveen_m0804

EXECUTIVE SUMMARY

Aspiring Software Development Engineer with strong foundations in **Data Structures, Algorithms, Object-Oriented Design**, and building **scalable distributed systems**. Experienced in full-stack development, cloud-based IoT systems, and real-time automation. I am committed to driving your organization's growth and delivering measurable value.

EXPERIENCE

Connect Infosystem | Full-Stack Developer Intern

June 2024 – July 2024 | Chennai

- Developed a **scalable full-stack e-commerce system** using JavaScript, SQL, HTML/CSS, improving product visibility and user engagement by **78%**.
- Designed and optimized **SQL relational database schemas**, improving query performance and data retrieval speed by **40%**.
- Implemented **responsive UI** using HTML, CSS, JavaScript, increasing overall user satisfaction by **80%**.
- Enhanced system performance through code refactoring and asset optimization, reducing page load time by **50%**.
- Collaborated in an agile team using Git, improving development efficiency and feature delivery speed.

PROJECTS

Smart Dam Automation (IoT + Cloud) | C++, Python, JavaScript, SQL, ESP32

- Built a **real-time distributed monitoring system** using ESP32 for water-level prediction and automated valve control.
- Integrated water-quality sensors and deployed **cloud-based alert mechanisms**, improving response time and system reliability.
- Developed a **remote dashboard** in JavaScript for real-time visualization of sensor data, device health, and environmental indicators.
- Implemented scalable cloud architecture enabling continuous monitoring and fault-tolerant operation.

Online Examination System (Django) | Python Full Stack

- **Built and deployed** a multi-tier examination platform with secure user authentication, automated exam creation, and real-time result analytics, improving overall platform efficiency.
- **Developed and integrated** REST APIs for exam management and dynamic question handling, enabling seamless communication between system components.
- **Optimized and refined** SQL queries to significantly improve system throughput, reduce response time, and enhance backend performance.
- **Designed and delivered** a fully responsive UI using HTML, CSS, and JavaScript, improving the student experience and ensuring smooth usage across all devices.

EDUCATION

Saveetha Engineering College

B.E in Computer Science and Engineering (Internet of Things)

(August 2022 - May 2026) - Present | Chennai

Classification: First Class (Predicted)

SKILLS

PROGRAMMING LANGUAGES:

Java, C++, Python, JavaScript.

FRONTEND:

HTML 5, CSS 3, ReactJS.

FRAMEWORKS & BACKEND:

SQL, MongoDB, Spring Boot, Django, REST APIs.

CONCEPTS:

Data Structures & Algorithms, Object-Oriented Design, System Design, Complexity Analysis, Operating Systems, DBMS, Internet of Things.

TOOLS & PLATFORMS:

Git, GitHub, Postman, VS code, Eclipse, Figma, Linux, AWS (Beginner).

SOFT SKILLS:

Analytical Thinking, Communication, Leadership, Problem Solving,

CERTIFICATES

AWARDS & CERTIFICATIONS

- Cloud Computing - NPTEL
- AI with Python - Infosys Springboard
- MongoDB - MongoDB University
- Efficient Large Language Model (LLM) Customization - NVIDIA
- AI Learning, Applied AI, Azure - Microsoft
- Multimodal Retrieval Augmented Generation (RAG) using the Vertex AI Gemini API - Google
- Associate Cloud Engineer Path - Google cloud
- Introduction to Vertex AI Studio - Google cloud
- Digital Nurture 4.0 DotNet FSE - Cognizant
- Fundamentals of Graphic Design - Coursera