

# NAVEEN M

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## EXECUTIVE SUMMARY

Aspiring software developer with a solid foundation in Data Structures and Algorithms, seeking an opportunity to apply and grow my skills. Eager to contribute to tasks in a dynamic team environment. I want to be a part of your incredible growth journey and I will be able to add value to the organization.

## EDUCATION

Saveetha Engineering College

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

(2022 – 2026) - Present | Chennai

Classification: First Class (Predicted)

## EXPERIENCE

**Connect Infosystem** | Web Designing & Development

June 2024 – July 2024 | Chennai

- Developed a full-featured e-commerce site for computer accessories.
- Designed responsive and intuitive UI/UX for easy navigation.
- Built using HTML, CSS, and JavaScript for a scalable solution.
- Performed testing and debugging for cross-browser compatibility.

## PROJECTS

**Smart Dam Automation and Environmental**

**Monitoring System using ESP32 (IOT + Cloud )** | C++,

Python, JavaScript, Arduino IDE

- Developed a smart dam automation system using ESP32 for real-time water level monitoring and valve control.
- Integrated water quality sensors to detect contamination and ensure environmental safety.
- Implemented remote monitoring with cloud-based alerts for proactive dam management.
- Designed a user-friendly web dashboard using JavaScript for visualizing water levels, valve status, and sensor data in real time.
- Optimized system efficiency by implementing automated decision-making algorithms in C++ and Python to trigger valve operations based on threshold values.

**Online Examination System Using Django** | Python,

HTML, CSS, JavaScript, SQL

- Built a Django-based platform with features for student registration, exams, and result tracking.
- Enabled teachers to create exams, manage questions, and monitor performance.
- Used SQL for data storage and HTML, CSS templates for a clean, user-friendly interface.

## SKILLS

### LANGUAGES:

Java, C, Python, JavaScript.

### FRONTEND:

HTML, CSS, ReactJS.

### BACKEND:

SQL, MongoDB, Spring Boot.

### TOOLS & PLATFORMS:

Git, GitHub, Postman, VS code, Eclipse, Figma, Linux, UI/UX.

### CONCEPTS:

Data Structures & Algorithms, DBMS, OOPS, Debugging, Internet of Things.

### SOFT SKILLS:

Communication, Analytical Skills, Creativity, Leadership, Self Motivated.

## CERTIFICATES

### AWARDS & CERTIFICATIONS

- Cloud Computing – NPTEL
- AI with Python – Infosys Springboard
- MongoDB - MongoDB University
- J.P Morgan Software Engineering Job Simulation – Forage
- Efficient Large Language Model (LLM) Customization – NVIDIA
- Microsoft AI Learning Challenge – Microsoft
- Applied AI Learning Challenge – 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
- Microsoft Azure Learning Challenge – Microsoft