

# NAVEEN M

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## EXECUTIVE SUMMARY

I am an aspiring software developer with a solid foundation in Data Structures and Algorithms, seeking an opportunity to apply and further develop my skills. Collaborated proactively with team members to deliver tasks efficiently in a dynamic team environment. Leveraging my expertise in software development, I am committed to driving your organization's growth and delivering measurable value.

## EDUCATION

**Saveetha Engineering College, Chennai**

Aug 2022 - April 2026

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

## EXPERIENCE

**Connect Infosystem** - Full-Stack Developer Intern

June 2024 - July 2024, Chennai

- Developed a full-featured e-commerce website for computer accessories using React.js and SQL, improving product visibility and user satisfaction through responsive design and clean UI implementation.
- Collaborated with the development team to design database structures, test cross-browser compatibility, and resolve UI issues, enhancing layout consistency across devices.
- Optimized site performance via efficient SQL queries and React state management, reducing page load times by 35% and boosting conversion rates.

## PROJECTS

**Smart Dam Automation System** (*C++, Python, ReactJS, IoT + Cloud*) ↗

- Engineered an ESP32-based IoT system for real-time water level monitoring, automated valve control, and water quality sensing, enabling safer and more efficient dam operations.
- Built cloud-integrated remote monitoring with instant alerts and a dynamic ReactJS dashboard to visualize sensor data and valve status in real time.
- Integrated ML and computer vision for predictive analytics, reducing manual oversight by 40%.

**PitShop Mechanix** (*ReactJS, Java, Spring Boot, MongoDB, WebSockets*) ↗

- Architected a full-stack web app connecting drivers with nearby mechanics via geospatial search and real-time location tracking using React, Spring Boot, and MongoDB.
- Implemented JWT authentication, WebSocket-driven live updates, and an interactive Leaflet map with role-based access for clients and mechanics.
- Integrated AI-powered diagnostics and deployed on Render, improving service response times by 50%.

**VoidPark** (*ReactJS, Express.js, PostgreSQL, REST APIs, JWT*) ↗

- Developed a full-stack parking-sharing platform enabling users to search, book, and manage slots via intuitive interfaces with a separate React frontend and Express backend.
- Designed RESTful APIs integrated with PostgreSQL for efficient management of listings, bookings, and payments, ensuring data integrity and scalability.
- Built responsive UI with real-time availability updates, geospatial features, and deployed on Render for high availability, optimizing user experience and reducing booking errors by 30%.

## SKILLS

**Languages:** Java, C++, Python, JavaScript

**Frontend:** HTML5, CSS3, ReactJS, Bootstrap, Tailwind CSS

**Backend:** Spring Boot, Node.js, Express, REST APIs, WebSockets, JWT

**Databases:** MySQL, PostgreSQL, MongoDB, Firebase

**DevOps & Tools:** Git, GitHub, Docker, Postman, Figma, Linux, Jira

**Testing:** Selenium, TestNG, Cucumber, JMeter, AutoIT

**Concepts:** DSA, OS, CN, DBMS, OOP, IoT, Debugging

**Soft Skills:** Communication, Analytical Thinking, Leadership, Team Collaboration

## CERTIFICATIONS

Cloud Computing (NPTEL) • AI with Python (Infosys Springboard) • MongoDB (MongoDB University) • Associate Cloud Engineer (Google) • Software Testing & QA (Udemy) • Graphic Design (Coursera) • Efficient LLM Customization (NVIDIA) • Multimodal RAG via Vertex AI (Google)