

Naveen Kumar M

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EDUCATION

NEHRU INSTITUTE OF ENGINEERING AND TECHNOLOGY

B.TECH IN COMPUTER SCIENCE AND BUSINESS SYSTEM

Coimbatore, TN | Grad. May 2025
CGPA: 8.2/10

BHARATHI VIDYALAYA HR. SEC. HSC

Salem, TN | Grad. May 2021
Percentage: 85%

LINKS

Github:// [Naveee08](#)
Leetcode:// [Naveenkumar2908](#)
Coding Profile:// [E-box-29](#)
Portfolio:// [Naveen's Portfolio](#)

SKILLS

PROGRAMMING LANGUAGES

- C | Java | JavaScript

WEB TECHNOLOGY & FRAMEWORKS

- React.js | Next.js | NodeJs | CSS | Spring Boot | HTML

TOOLS & PLATFORMS

- Firebase | Postman | IntelliJ | Eclipse | Git | Vercel

DATABASE

- PostgreSQL

DIGITAL SKILLS

- Content Creation | Digital Marketing | UI

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms

Java Full-Stack - Wipro [\[Link\]](#)

Data Visualisation - IBM [\[Link\]](#)

AWS | Intelligent Automation - SS&C [\[Link\]](#)

ACHIEVEMENTS

Solved **450+ problems** on platforms like E-box, LeetCode.

Completed **10+ freelance projects** with 5-star feedback.

WORK EXPERIENCE

PROCYON TECHNOSTRUCTURE | FULL STACK DEV INTERN

Apr 2025 – Present | Chennai, India

PROJECT: XATS - REAL-TIME ENTERPRISE PLATFORM

BACKEND & FRONTEND DEVELOPMENT

- Developed microservices using **Java**, **Spring Boot**, and **REST APIs** for core ATS modules.
- Integrated **Firebase Authentication** for secure user login/signup and implemented **Google SSO**, improving user onboarding experience.
- Built responsive UI components with **React.js** and **Next.js**, improving recruiter dashboard usability.
- Enabled **JWT** auth, role-based access, modular interceptors for multi-role support.
- Upgraded backend **Java 11** to **Java 17**, optimized workflow with enums, reducing code duplication by **35%**.

DATABASE

- Designed scalable schemas in **PostgreSQL** for job, candidate, recruiter, and interview modules.
- Enhanced query efficiency by **20%** using indexing and partitioning for **100K+ records**.

TESTING

- Built **120+ API test cases** with Postman covering CRUD and auth.
- Reduced bug cycle time by **45%** using real-time request debugging and token expiry testing.

PROJECTS

SMART TRANSBOT SYSTEM

TECH STACK: ARDUINO UNO, FORKLIFT MOTOR SYSTEM, VOICE & APP CONTROL, OBSTACLE DETECTION, BLUETOOTH

- Developed a **smart transportation bot** using **Arduino Uno**, reducing manual box handling in small-scale factories by **60%**.
- Integrated **YOLO-based real-time obstacle detection** using a mounted camera, enabling auto-stop safety mechanism and reducing collision risks by **90%**.
- Designed a hybrid control system supporting both **voice commands** ("Start", "Stop", "Left", "Right").

AI CHATBOT APPLICATION [\[Live Link\]](#)

TECH STACK: REACT.JS, NEXT.JS, NODE.JS, GEMINI API, HTML, CSS, JAVASCRIPT, VERCEL

- Built an AI-powered chatbot using the **Gemini API** achieving **98% accuracy** in context-aware responses.
- Developed backend using **Node.js**, reducing server response time by **25%**.
- Created responsive frontend using **React.js** and **Next.js**, fully compatible with mobile and deployed via **Vercel**.