

Vaaheesan S

Aspiring Software Engineer — Full-Stack Developer (**React.js, Django, MERN**)

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🌐 [Portfolio](#) 💬 [LinkedIn](#) 🚦 [GitHub](#) ↗ [LeetCode](#)

Professional Summary

Full-stack Developer and Engineering student experienced in **Next.js, React, Django REST, Node.js, and MongoDB**. Skilled in building scalable web apps, designing REST APIs, and deploying to cloud platforms. Passionate about clean architecture, problem-solving, and emerging fields like IoT and computer vision.

Professional Experience

Frontend Developer Intern – Izeon Innovative Pvt. Ltd

Dec 2024 – Jan 2025

Developed a responsive e-commerce web app clone using **HTML, CSS, and JavaScript**, ensuring full mobile compatibility. Optimized assets and scripts, reducing load time by **35%**, and collaborated in an **Agile team** using **Git** to maintain a consistent cross-browser experience.

Technical Skills

Languages: HTML, CSS, JavaScript, Python, Java, SQL

Frameworks & Tools: React.js, Next.js, Django REST, Node.js, Express.js, MongoDB, Git, Docker, AWS, VS Code, CI/CD

Expertise: Full-stack development, REST APIs, responsive UI, cloud deployment, IoT, and computer vision

Projects

Elevatr – Smart Job and Internship Portal [🔗](#) (*Next.js, Tailwind CSS, Django REST, Supabase*)

- Built a platform for students and recruiters with **authentication, resume uploads, and job listings**.
- Overcame **API integration issues** between Django REST and Next.js during deployment on Vercel and Render.

Spendly – Personal Expense Tracker [🔗](#) (*React.js, Chart.js, Node.js, Express.js, MongoDB Atlas*)

- Developed a full-stack expense tracker with **analytics and chart visualizations** for personal budgeting.
- Overcame **backend-to-database connection issues** and optimized MongoDB queries for speed.

Car Lane Detection System [🔗](#) (*Python, OpenCV*)

- Implemented real-time lane detection using **Canny edge detection and Hough Transform**.
- Overcame **false-positive detections** by refining ROI masking and slope averaging algorithms.

Arya Productions – Static Website [🔗](#) (*HTML, CSS, JavaScript*)

- Designed and deployed a responsive company website with **About, Products, and Contact sections**.
- Overcame **design scalability issues** by optimizing responsive breakpoints and CSS structure.

Achievements

- **MindSync+ – MSME Hackathon 5.0:** Founder project proposing an **AI-powered multilingual mental health platform**.
- **2nd Place – App Development, VEC (Apr 2025):** Alumni Student Connect App.
- **4th Place – Python Symposium, Sai Ram Engg. College:** Problem-solving competition.
- **Finalist – Figma UI/UX Challenge, Amrita College:** Created user-friendly design prototypes.

Education

B.E. Computer Science and Engineering [2023 – 2027]

Velammal Engineering College, Chennai — CGPA: **8.41** (Till 4th semester)

AISSE [2022–2023] & AISSE [2021–2022]

Velammal Vidhyashram, Surapet — 12th: **68.6%**, 10th: **81%**

Interests & Certifications

Certifications

- NPTEL – Programming in Java (Jan–Apr 2025)
- Udemy – Complete Python Course (Dec 2024)
- Udemy – 100 Days of Code: Python Bootcamp (Dec 2024)
- NPTEL – Programming in Modern C++ (Jul–Oct 2024)
- NPTEL – Introduction to IoT (Jul–Oct 2024)

Interests

- **Technology:** Competitive coding, full-stack projects
- **Creativity:** UI sketching, drawing, portfolio design
- **Languages:** Japanese & German (7K+ XP on Duolingo)
- **Sports:** Badminton, Cricket, Formula 1