

Vaaheesan S

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

Profiles

 [Portfolio](#)  [LinkedIn](#)  [GitHub](#)  [LeetCode](#)  +91-9499941994  vaahee21@gmail.com

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.

Education

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

Velammal Engineering College, Chennai

CGPA: **8.41** (Till 4th semester)

Relevant Coursework: DSA, OOP, DBMS, OS, SE, Computer Networks, Full Stack Programming

HSC – 12th Grade [2022–2023]

Velammal Vidhyashram, Surapet

Percentage: **68.6%**

SSC – 10th Grade [2021–2022]

Velammal Vidhyashram, Surapet

Percentage: **81%**

Professional Experience

Frontend Developer Intern – Izeon Innovative Pvt. Ltd

Dec 2024 – Jan 2025

- Built a responsive e-commerce web app clone using **HTML**, **CSS**, **JavaScript** with full mobile compatibility.
- Optimized assets and scripts, reducing load time by **35%**.
- Collaborated in an Agile team using **Git**, ensuring 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

Soft Skills

- Strong **communication** and collaboration skills.
- **Adaptable** and eager to learn new technologies.
- Structured **problem-solving** with creativity.
- Empathetic **leadership** and teamwork.

Projects

Elevatr – Smart Job and Internship Portal

Next.js, Tailwind CSS, Django REST, Supabase, Vercel, Render

- 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.
- Repository: github.com/vacmar/Elevatr

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.
- Repository: github.com/vacmar/Spendly

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.
- Repository: github.com/vacmar/Car_Lane_Detection

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.
- Live: vacmar.github.io/aryaproductions.github.io/

Mini Projects

Python, HTML, CSS, JS

- Created foundational projects such as **2048 Puzzle, Tic Tac Toe, and FAQ Accordion UI**.
- Overcame **logic handling challenges** and improved modular code structure.
- Repository: github.com/vacmar/MINI-PROJECTS

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.

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