

Vaaheesan S

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

- +91-9499941994 • vaahee21@gmail.com
- linkedin.com/in/vaaheesan-s • github.com/vacmar • leetcode.com/u/VAAHEESAN

Summary

Aspiring software developer with strong full-stack development experience using Next.js, Django REST, and MERN stack. Passionate about solving real-world problems, building scalable web systems, and developing socially impactful products like MindSync+.

Technical Skills

Frontend: HTML5, CSS3, JavaScript, React.js, Tailwind CSS, Next.js

Backend: Python, Django, FastAPI, Node.js

Databases: MySQL, PostgreSQL, MongoDB

Tools & Platforms: Git, GitHub, Docker, VS Code

CS Fundamentals: DSA, OOP, DBMS, OS, CN

Internship Experience

Frontend Developer Intern – Izeon Innovative Pvt. Ltd

Dec 2024 – Jan 2025

- Built a fully responsive Blvck Clothing Store clone using HTML, CSS, and vanilla JavaScript.
- Focused on layout replication, UI precision, and professional code structuring.

Major Projects

Elevatr – Job and Internship Portal

Solo Project, In Development

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

- Auth for students/recruiters with role-based dashboards.
- Resume uploads directly sent to recruiters for streamlined application.
- Admin panel to manage listings, users, and access.

Spendly – Personal Expense Tracker

Solo Project, In Development

React.js, Recharts, Node.js, MongoDB Atlas

- Tracks income/expenses with category-wise charts and filtering.
- Notifies users when inputs are missed to ensure habit consistency.
- Dark/light theme toggle and dashboard UX design.

Arya Productions Static Website

HTML, CSS, JS

- Designed and developed a full static company website for Arya Productions Pvt. Ltd., a leading storage and material handling manufacturer.
- Built responsive sections: About, Products, Services, and Contact using clean UI/UX practices.
- Emphasized corporate branding with consistent layout, semantic HTML5, and icon usage via FontAwesome.
- Hosted on GitHub Pages: vacmar.github.io/aryaproductions.github.io/

Achievements & Certifications

- 2nd – App Development, Velammal Engg College (Apr 2025)
- 4th – Python Symposium, Sai Ram Engineering College
- Finalist – Figma UI/UX Design Challenge, Amrita College
- Certifications: NPTEL (Java, IoT, C++ , DBMS), Forage (JPMorgan, Deloitte), Udemy (Python Bootcamps)

MindSync+ (Proposed Founder Project)

MSME Hackathon 5.0 Proposal — Mobile-first Mental Health Platform (Under Review)

- Conceptualized a mental health support app to offer anonymous, multilingual support with empathy-matching and AI-powered fallback.
- Features proposed: text/video/voice support, gamification, NGO dashboards, and moderation system.
- Tech stack plan: Flutter (mobile), Supabase (auth & DB), GPT-4 (AI fallback), WebRTC (video), Firebase/Twilio (infra).
- Selected for proposal submission to MSME 5.0; will begin development post-funding or after Elevatr and Spendly completion.

Additional Projects

2048 Puzzle • Tic Tac Toe • FAQ Accordion UI • HTML Form

(Early-stage learning projects for UI logic and programming fundamentals)

Repository Link on GitHub: github.com/vacmar/MINI-PROJECTS

Car Lane Detection System

Python, OpenCV, Matplotlib

- Built a real-time and image-based lane detection system using Canny edge detection and Hough Transform.
- Applied ROI masking, slope averaging, and smoothing for accurate left/right lane detection.
- Developed video and image support pipeline with interactive visual overlay.
- Repository Link on Github: github.com/vacmar/Car_Lane_Detection

Interests

- Language Learning – Japanese & German (Duolingo – 6K+ XP in Japanese)
- Tech Curiosity – Problem Solving, Coding Mini-Games, Exploring CS Concepts
- Creativity – Drawing, UI Sketching, Personal Website Design
- Sports & Mindfulness – Badminton, Cricket, F1, Music For Focus & Relaxation

Education

B.E. Computer Science and Engineering

Velammal Engineering College, Chennai

CGPA: 8.41 [2023 – 2027]

Relevant Coursework: DSA, OOP, DBMS, OS, SE, Computer Networks, Web Development

Velammal Vidhyashram, Surapet

10th Grade: 81% — 12th Grade: 68.6%