Suthakar Anburaj

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Professional Summary

Software Developer experienced in **building scalable full-stack web applications** using **Node.js**, **Express**, **Vue.js, Next.js, React.js** and **SQL/NoSQL** databases. Skilled in **optimizing performance**, automating workflows, and integrating **real-time features** for platforms with **10k+ daily users**. Focused about **clean architecture**, **scalability**, and continuous learning.

Skills

Languages: C/C++, JavaScript, Python, TypeScript, SQL, NoSQL

Technologies & Tools: Next.js, React.js, Vue.js, TailwindCSS, Node.js, Express.js, Prisma, REST APIs, FastAPI, Docker, CI/CD pipelines, AWS, EC2, S3, Redis

Work Experience

Enpointe Global, Mumbai   Dec 2024 - Jul 2025

Full stack developer intern

- Developed and maintained full-stack systems using Vue.js, Express, Prisma, and PostgreSQL, powering a platform with **10k+ DAU**.
- **Engineered a scalable backend** for a movie management platform with **JWT authentication, PDF/Excel reports**, and **real-time alerts (SSE)**, improving **contract efficiency by 20%** through workflow and module optimization.
- **Debugged and resolved 30% of critical issues** and **Enhanced PDF/Excel generation performance by 5–10%**, enhancing system efficiency.
- Spearheaded the **backend migration** from **Node.js 14 to 18** and collaborated in a **4-member Agile team** using **Git** and weekly sprints.

Projects

ASHA Sakhi – AI-Powered Health Assistance Platform – Live | Github

- Designed a multilingual, voice-enabled healthcare web app for ASHA workers, reducing **data entry and consultation time by 40–50%** through automation of patient registration and reporting workflows.
- Built AI-driven modules for **symptom analysis (Decision Tree, 92% accuracy)** and **voice-based health consultancy** using Whisper for speech-to-text and **gTTS/ElevenLabs** for text-to-speech conversion.
- Automated **70% of ASHA workers' daily tasks**, including patient onboarding, form filling etc, improving rural healthcare accessibility.
- Integrated **Google Maps API** with an **AI-powered recommender** to locate ASHA centers and provide personalized health tips, **boosting service reach by 35%+** and **impacting 1,000+ users**.

StreetConnect – Empowering Street Food Ecosystems – Live | Github

- Built and deployed a **real-time marketplace platform** for street food supply chain using Next.js, Express.js and MongoDB, featuring role-based modules that enhanced trust and **transparency by 60%** among vendors and suppliers through verified profiles.
- Optimized database **queries by 20%** through efficient **indexing** and **API design**, improving application response times and user experience.
- Reduced manual operational **work by 50%** by automating inventory tracking, order management, and payment reconciliation processes.
- Integrated **Razorpay payment gateway** for secure digital transactions and **led a 4-member team** through full development lifecycle on Vercel.

Red Apple Cars – [Car Management System (CMS)](#) & [User Website](#) | [Github](#)

- sLed development and architected a production-grade CMS and car management platform, automating workflows for **70% of company staff**
- through modular, reusable, and upgraded code.
- **Integrated Redis caching and Server-Sent Events (SSE)** for real-time notifications, improving system **response time by 45%**, boosting daily active user **capacity by 60%**, and enabling instant status updates with minimal latency.
- Implemented bulk car CRUD operations with **accelerated Excel report** and **PDF invoice generation**, integrated into **CI/CD pipelines,** improving **data processing efficiency by 30%**, **query performance by 40%** and **100% self-operating deployments**.
- Mentored and guided **2 interns**, improving backend **code quality by 25%** through structured reviews and scalable coding standards.

Education

SIESGST Nerul	Aug 2022 - Present
B.E in Computer Engineering	CGPA : 7.35/10

Relevant Coursework : Data Structures and Algorithms, Operating Systems, DBMS, CN, OOPs, Big Data Analysis, Software Engineering

DSA Highlights

- **Solved 400+** DSA problems across **LeetCode**, **GFG**, and **CodeChef**
- **2 star** Coder on CodeChef
- **Top 25** on GFG within college

Awards and Certificates

- **1st prize**, Ideation 2025
- Rank of 2179, **ICPC regionals** qualification round
- **7th**, CODECRAFTERS2.0 Hackathon
- Conducted **Technical Workshop** with **50+ students**
- **Top 15 Teams**, the Recursion6.0 Hackathon