

# Suthakar Anburaj

Nerul , Navi Mumbai | suthakaranburaj03@gmail.com | +91 9321607843

<https://www.linkedin.com/in/suthakar-anburaj-7bb816290> | <https://github.com/suthakaranburaj> | <https://suthakaranburaj.com>

## Profile Summary

Backend-focused Software Engineer experienced in **building scalable systems** for **10K+ daily users**. Proficient in **Node.js, Express**, and **SQL/NoSQL** databases. Skilled in **API design, system architecture**, and **leading projects** from development to deployment. Seeking to **architect robust backend solutions** for high-impact products.

## Skills

<b>Languages:</b> JavaScript, TypeScript, C++, Python	<b>Dev Tools:</b> Git, GitHub, GitLab, Postman, VSCode, PyCharm, Cloudinary
<b>Backend:</b> Node.js, Express.js, Prisma, REST APIs, JWT, SSE	<b>Other:</b> OAuth, Google Auth, Razorpay Integration, PDF/Excel Generation, Deployment (Vercel/Render)
<b>Frontend:</b> React.js, Next.js, Vue.js, Zustand, Tailwind CSS, SCSS	<b>Databases:</b> MongoDB, MySQL, PostgreSQL, Firebase
<b>Familiar With:</b> Docker, CI/CD pipelines, Redis, Microservices	

## Education

<b>SIESGST Nerul</b>	Aug 2022 - Present
<b>B.E in Computer Engineering</b>	<b>Expected Graduation:</b> May 2026
<b>Relevant Coursework:</b> Data Structures and Algorithms, Operating Systems, DBMS, CN, OOP, Software Engineering	CGPA: 7.5

## Experience

<b>Andheri West, Mumbai</b>	Onsite   Nov 2024 - Jul 2025
<b>Enpointe IO   Full stack developer intern</b>	
<ul style="list-style-type: none"><li>Developed and maintained full-stack systems using <b>Vue.js, Express, Prisma</b>, and <b>PostgreSQL</b>, powering a platform with <b>10k+ DAU</b>.</li><li><b>Engineered a scalable backend</b> for a movie management platform with <b>JWT authentication, PDF/Excel reports</b>, and <b>real-time alerts (SSE)</b>, improving <b>contract efficiency by 20%</b> through workflow and module optimization.</li><li><b>Debugged and resolved 30% of critical issues</b> and <b>Enhanced PDF/Excel generation performance by 5–10%</b>, enhancing system efficiency.</li><li><b>Optimized PostgreSQL queries</b> via <b>Prisma ORM</b>, cutting query latency by <b>15%</b>.</li><li>Spearheaded the <b>backend migration</b> from <b>Node.js 14 to 18</b> and collaborated in a <b>4-member Agile team</b> using <b>Git</b> and weekly sprints.</li></ul>	

## Projects

<b>ASHA Sakhi – AI-Powered Health Assistance Platform – <a href="#">Live</a>   <a href="#">Github</a></b>	
<ul style="list-style-type: none"><li>Designed a multilingual, voice-enabled healthcare web app for ASHA workers, reducing <b>data entry and consultation time by 40–50%</b> through automation of patient registration and reporting workflows.</li><li>Built AI-driven modules for <b>symptom analysis (Decision Tree, 92% accuracy)</b> and <b>voice-based health consultancy</b> using <b>Whisper</b> for speech-to-text and <b>gTTS/ElevenLabs</b> for text-to-speech conversion.</li><li>Automated <b>70% of ASHA workers’ daily tasks</b>, including patient onboarding, form filling etc, improving rural healthcare accessibility.</li><li>Integrated <b>Google Maps API</b> with an <b>AI-powered recommender</b> to locate ASHA centers and provide personalized health tips, <b>boosting service reach by 35%+</b> and <b>impacting 1,000+ users</b>.</li></ul>	
<b>Red Apple Cars – <a href="#">Car Management System (CMS)</a> &amp; <a href="#">User Website</a>   <a href="#">Github</a></b>	
<ul style="list-style-type: none"><li>Led development and architected a production-grade CMS and car management platform, automating workflows for <b>70% of company staff</b> through modular, reusable, and upgraded code.</li><li><b>Integrated Redis caching and Server-Sent Events (SSE)</b> for real-time notifications, improving system response time by <b>45%</b>, boosting daily active user capacity by <b>60%</b>, and enabling <b>instant status updates</b> with minimal latency.</li><li>Implemented bulk car CRUD operations with <b>accelerated Excel report</b> and <b>PDF invoice generation</b>, integrated into <b>CI/CD pipelines</b> improving <b>data processing efficiency by 30%</b>, <b>query performance by 40%</b>, and 100% self-operating deployments.</li><li>Integrated <b>Elasticsearch for advanced search (targeting 50% faster query retrieval)</b> and <b>exploring AWS SQS</b> for asynchronous queue processing to further enhance scalability and system resilience.</li><li>Mentored and guided <b>2 interns</b>, improving backend code quality by <b>25%</b> through structured reviews and scalable coding standards.</li></ul>	
<b>StreetConnect – Empowering Street Food Ecosystems <a href="#">Live</a>   <a href="#">Github</a></b>	
<ul style="list-style-type: none"><li>Built and deployed a <b>real-time marketplace platform</b> for street food supply chain using Next.js, Express.js and MongoDB, featuring role-based modules that enhanced <b>trust and transparency by 60%</b> among vendors and suppliers through verified profiles.</li><li>Optimized database queries by <b>20%</b> through efficient <b>indexing</b> and <b>API design</b>, improving application response times and user experience.</li><li>Reduced manual operational work by 50% by automating inventory tracking, order management, and payment reconciliation processes.</li><li>Integrated <b>Razorpay payment gateway</b> for secure digital transactions and <b>led a 4-member team</b> through full development lifecycle on Vercel.</li></ul>	

## 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

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