

Asmit Tyagi

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Summary

Full-Stack Developer (MERN + Next.js) specializing in automation tools, dashboards, and scalable web apps. Delivered systems that cut ops workload by 90%+, scaled processes 5x, and improved reliability across fintech and e-commerce projects. Builder at heart – launched multiple SaaS tools and internal automation systems.

Professional Experience

- Finosauras** Jan 2025 – Jun 2025
MERN Developer (Contract → Full-time) Surat, Gujarat, India
 - Built trade-signal automation (Canva + Telegram) — scaled from 4-5/day to 25+/day while cutting latency from 10 min to 1 min.
 - Developed an AI validation dashboard — halved manual correction workload and doubled ops productivity.
 - Created failed-trade recovery dashboard — reduced failure rate to near zero.
 - Built OpenAI-powered social engagement agent — increased growth output 5x.
 - Designed and deployed a market-sentiment engine with secure APIs + centralized logging.
 - Represented the company as solo engineer in CTO-level partner discussions.
- GK Fintech Pvt. Ltd.** Apr 2024 – Dec 2024
Full-Stack Web Developer Chandigarh, India
 - Built a full e-commerce platform using React, Tailwind, Node.js and MongoDB.
 - Developed REST APIs for products, carts, authentication, and Stripe payments.
 - Optimized backend queries and fixed bottlenecks to significantly reduce page load times.

Education

- I.K. Gujral Punjab Technical University** Jun 2024
B.Tech, Computer Science and Engineering Mohali, India — GPA: 7.66

Projects

- AstraBill.com** 2025
Inventory & Invoice Management SaaS
 - Built a lightweight tool for SMEs to manage customers, invoices, inventory, and billing workflows.
 - Features: customer management, stock tracking, invoice creation, GST-ready PDFs, downloadable/sharable bills.
 - Tech: Next.js, TailwindCSS, Node.js/Express, MongoDB; deployed with secured APIs and clean UI flows.
- TrackYourStreak.com** 2025
Personal Project
 - Habit + streak tracker with 12+ active users; supports reading, workouts, coding, meditation tracking.
 - Tech: Next.js, TailwindCSS, Supabase; built for fast performance and minimal UX friction.

Skills

Technical:

- Languages:** C++, JavaScript (ES6+), TypeScript, Python
- Core CS:** OOP, Data Structures & Algorithms
- Frontend:** React.js, Next.js, TailwindCSS, Bootstrap, SCSS
- Backend:** Node.js, Express.js, REST APIs
- Databases:** SQL, MongoDB
- AI / Automation:** RAG, AI Agents, LangChain, LangGraph, Model Fine-tuning, OpenAI API
- Tools/Infra:** Git, deployment basics, logging systems

Soft Skills: Problem-solving, Ownership, Collaboration