Aman Kumar Chhari

AI Product Engineer | Forward Deployed Engineer

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SUMMARY

AI Product Engineer who takes a client's problem and ships the whole AI product: system design, TypeScript/Next.js/Node.js build, Claude API agents with guardrails (one model gateway, spend caps, tool use, human-in-the-loop approval, evals) and deployment. Explains every build as a client-ready case study with demos and visuals. B.Tech CSE 2026.

SKILLS

Languages & Frontend: TypeScript, JavaScript, Python, SQL; React 19, Next.js 15/16 (App Router), Tailwind CSS, Capacitor

Backend & APIs: Node.js, Express.js, FastAPI, REST APIs, Supabase Edge Functions, Clerk, Razorpay webhooks, rate limiting

AI & LLM: Claude API & Anthropic SDK, OpenAI API, AI agents, multi-agent orchestration, tool use, structured outputs (Zod), evals

Delivery: case studies, live demos, Figma mockups, explainer videos; Git, Vercel, Netlify, Apache JMeter

EDUCATION

Jaypee University of Engineering & Technology **Guna, Madhya Pradesh**

Bachelor of Technology (B. Tech.) - Computer Science Engineering *Graduation Date: May 2026*

- Coursework - Software Engineering, Object-Oriented Programming, Database Systems.

WORK EXPERIENCE

Zidio Development **Remote**

Web Development Intern *Aug 2024 - Sep 2024*

- Built role-based features for 3 user types (Admins, Team Leaders, Employees) to manage users, assign tasks, and track progress in one web app.
- Developed a web dashboard that converts 12-field Excel spreadsheet data into clear, interactive charts and tables.

PROJECT EXPERIENCE

CloseBy | Live | GitHub

Next.js, TypeScript, Supabase, Claude API, Razorpay, Apache JMeter. *Aug 2026 - Oct 2026*

- Designed and built a 2-sided marketplace for nearby buyers and local shops end to end: UI, role-based dashboards, live order updates and in-order chat.
- Implemented a single gateway for every LLM call (role check, rate limit, kill switch, daily spend cap, tool loop, cost logging); under load, the spend cap blocked 100% of over-cap calls before any model call.
- Designed draft-only AI helpers: tool-based catalog reads and stock-import proposals from shelf photos and voice lists, saved only after owner approval; Zod-validated output and 27 evaluation test cases.

Stack | GitHub

TypeScript, Next.js 16, Capacitor, IndexedDB, Supabase. *Jun 2026 - Jul 2026*

- Designed and launched a solo web + Android reading app from one Next.js codebase: save articles and PDFs, highlight, review 3 old highlights daily; fully offline with optional sync.
- Architected server-side AI in one Supabase Edge Function with a fallback chain across five LLM providers; JMeter: 500/500 requests served with the top two providers down (p95 1.6 s).

ScanCart.ai | Live | GitHub

Node.js, Express, Claude API, Chrome MV3, React. *2026*

- Built a Chrome extension that runs 6 AI agents in parallel plus a compliance agent and returns one counterfeit-risk Trust Score with reasons.
- Latency equals the slowest check, not the sum; failed checks are shown as "X of 7 checks", never guessed.

ACHIEVEMENTS

- Finalist among 600+ teams (2,000+ participants) at Hacksagon 2025, a 3-day, 10-track national hackathon at ABV-IIITM Gwalior, as team MANAD. | Certificate
- Selected among 35 finalists to pitch ScanCart.ai at the Rajasthan AI Builders Pitch-a-Thon 2026 (Rs 1.75 lakh prize pool), 29th National e-Governance Conference, Jaipur. | Certificate