

HARSHIT SAINI

Full Stack Developer | TypeScript · React/Next.js · Node.js · Python/FastAPI

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SUMMARY

Full Stack Developer with 1.5+ years of hands-on experience shipping production web apps and ERP automation for a multi-store retail chain, working in a small team with Git-based reviews. I own products end to end: React/Next.js frontends, Node.js and FastAPI backends, PostgreSQL/SQLite data layers, and deployments on Cloudflare, Vercel and AWS. Shipped 6 public projects in 2026 with strong test coverage and CI/CD. Self-directed and comfortable with async, written-first remote collaboration.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL, Java, Bash, HTML5, CSS3

Frontend: React, Next.js (SSR/SSG/ISR), Astro, Vue.js, Tailwind CSS, shadcn/ui, Radix, Redux Toolkit, Zustand, TanStack Query, PWA, Chart.js, Three.js, Framer Motion

Backend: Node.js, Express, FastAPI, Django + DRF, Flask, REST, GraphQL, WebSockets, WebRTC, OAuth2 / JWT, Webhooks, Zod

Databases: PostgreSQL, SQL Server, MySQL, MongoDB, Redis, SQLite / Cloudflare D1, Supabase (RLS), Prisma, Drizzle ORM, SQLAlchemy

Cloud & DevOps: Docker, GitHub Actions (CI/CD), AWS (EC2, S3, Lambda, RDS), Cloudflare Workers / R2 / Pages, Vercel, Render, Dokploy, Linux

Testing & Practices: Vitest, Jest, Playwright (E2E), pytest, Postman, ESLint/Prettier, OWASP security, system design, code review, AI-assisted development (Claude Code, Cursor)

PROFESSIONAL EXPERIENCE

Full Stack Developer — Rajmandir Hypermarket

Feb 2025 – Present

- Led development of a multi-store Purchase Order Management System in a 2-developer team (Node.js/Express, SQLite, JWT, Vite, Tailwind, Chart.js, PWA): full PO lifecycle, role-based access (Admin / Head Office / Store), analytics dashboard and Excel exports.
- Added WhatsApp notifications with template-based auto-send rules and store/supplier group routing, plus Google Sheet PO import and MRN delivery sync via webhook; Dockerized and deployed through GitHub Actions + Dokploy.
- Built eFacto PO Worker (Python): a desktop generator and headless worker that raise POs directly in the eFacto ERP's SQL Server through a claim-based queue driven by the PO portal, with Crystal Reports PDFs and Google Drive upload.
- Automated GST purchase-bill passing across store branches: a Google Sheet-driven desktop tool that verifies every bill against each store's SQL Server before posting.
- Built SpeakLink, a live announcement platform (FastAPI, React, WebSockets, FFmpeg) broadcasting from head office to every store, and Hive, a manager for the company's 80+ Gmail accounts (several with 50,000+ messages).

Accounts & Purchase Executive / Cashier — Rajmandir Hypermarket

Feb 2024 – Feb 2025

- Managed POs, vendor invoices and inventory in the eFacto ERP, plus daily reconciliations and payroll. This operations experience directly shaped the automation tools I later built.

Freelance Web Developer — Independent clients

2026

- Built and launched a website for a bakery & café business with menu, specials, party bookings and contact, plus a Decap CMS so the owner updates content without a developer (Astro, TypeScript, Cloudflare Pages).

PROJECTS

Orbit | Multi-cloud file manager

[Live](#) · [GitHub](#)

TypeScript, React, Vite, Node.js, Express, SQLite, Drizzle, WebSocket, WebRTC, S3, Vercel, Render

- Browse, search, move and share files across 6+ cloud providers from one UI; stores only metadata and encrypted tokens, streaming bytes from each provider.

Core | Zero-knowledge password, secret & .env manager

[Live](#)

Next.js, TypeScript, Cloudflare Workers, D1, R2, Drizzle, Zustand, Vitest, Playwright

- Client-side encryption before upload, so the server only ever stores ciphertext it cannot read.
- Designed and shipped 144 features in 5 days on Cloudflare's free tier, with documented reasoning for every cut feature.

LoveTrack | Consent-based attendance tracking PWA

[Live](#) · [GitHub](#)

Next.js, TypeScript, Supabase, PostgreSQL (RLS), Zod, Leaflet, Vitest, Playwright, GitHub Actions, Vercel

- Built in one day: 24 Postgres migrations, row-level security and 402 tests across unit, integration and E2E layers.

EDUCATION & CERTIFICATION

Bachelor of Computer Applications (BCA) — Amity University Online

2024 – 2027 (expected)

Certification: AI-Machine Learning Engineer — Reliance Foundation Skilling Academy

2026