

DHANUSH PATEL

Backend-focused full stack developer with **4.5 years** shipping **Node.js**, **NestJS**, and **React** systems in production. I've led zero-downtime migrations, architected payment-critical and real-time services scaling to **100K+ users**, and managed small teams end to end.

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EXPERIENCE

SENIOR FULL STACK WEB DEVELOPER

JAN 2024 – PRESENT

Codiste | Ahmedabad, IN

- Re-architected a company website's blog to **SSR + SSG** with caching, cutting page-load time from **2–3s to ~300ms** and removing per-request CRM API calls to **reduce infrastructure costs by ~\$5,000/month**.
- Built backend services (**Express**, **MongoDB**) for a Legal AI platform — chat, document processing, and meeting transcription — and integrated **Razorpay**, **Twilio**, **WhatsApp Business API**, and Google Calendar/Drive.
- Built a real-time multiplayer **Telegram** game and mini-apps with **Socket.IO** and Redis-backed state sync, **scaling to 100K active users** with referral and gamification systems.
- Led two zero-downtime migrations — a legacy backend to **Node.js** for a financial-transactions app, and another product from **MongoDB to PostgreSQL** — improving response times through caching, payload trimming, and query tuning.
- Designed a **Turbo monorepo** backend (**NestJS**, **PostgreSQL**, **Redis**), owning system design, code review, and production deploys across the team.
- Set up **CI/CD** with **GitHub Actions**, **NGINX**, and **AWS EC2 + RDS**, sustaining **99.9% uptime** across multiple client apps with **JWT** auth and **role-based access control**.

ASSOCIATE SOFTWARE DEVELOPER

FEB 2022 – JAN 2024

Rysun Labs | Ahmedabad, IN

- Led a team of 3 to build the admin portal of a **Next.js** visitor app on **AWS (PostgreSQL, S3, FCM)**; ran Scrum, owned client communication, and delivered on schedule.
- Built a **Next.js** ID-card platform (team of 7) with a drag-and-drop **React** template editor and dynamic PDF generation from JSON templates, optimizing layout to minimize print waste.
- Held an **"A" code-quality rating** in weekly **SonarQube** reviews, driving down code smells and technical debt across the team's codebase.

PROJECTS

VISION GIFTING

LIVE · SOLO

Production e-commerce store — visiongifting.in

- Solo-built and operate a live e-commerce store on a **Turborepo** monorepo — **Next.js 16**, **React 19**, **TypeScript**, **Supabase PostgreSQL** (Prisma), and **shadcn/ui** — with separate storefront and admin apps sharing typed packages.
- Engineered **ISR** static product pages with **cross-deployment cache invalidation** (admin triggers on-demand revalidation on the storefront), reaching a **94 mobile Lighthouse performance** score with **100 SEO** and **100 accessibility**.
- Implemented secure **Razorpay** checkout with **HMAC signature verification**, order-ownership (IDOR) checks, and idempotent webhooks, plus **JWT** / Firebase auth with server-derived identity in edge middleware.
- Architected for near-zero cost — **Cloudflare R2** (zero-egress CDN) with direct presigned uploads on Supabase / Vercel free tiers — running a live storefront at **~\$0/month** infrastructure.

SKILLS

Languages	TypeScript, JavaScript, Node.js
Backend	NestJS, Express, REST APIs, GraphQL, WebSockets, Microservices, Monorepo (Turborepo, PNPM)
Frontend	React, Next.js, Redux, Zustand, TanStack Query, Tailwind, Shadcn UI, Material UI
Databases	PostgreSQL, MySQL, MongoDB, Supabase, Redis, Prisma, Mongoose
AI Tools	Claude Code, Cursor (AI-assisted development)
Cloud & DevOps	AWS (EC2, RDS, S3, SES), Cloudflare R2, NGINX, GitHub Actions, Docker, Vercel, Firebase
Practices	System design, CI/CD, performance tuning, code review, Agile / Scrum, team leadership, client communication

EDUCATION

BE Computer Engineering — LJ Institute of Engineering and Technology CGPA 9.56

2018 – 2022