

Yash Chauhan

Fullstack Developer | Morbi, Gujarat, India

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SUMMARY

Fullstack engineer with 1 year of industry experience building products end-to-end, from system architecture and database design to REST APIs, CI/CD, and production deployment on AWS and self-managed VPS. Designed and shipped enterprise systems that replaced Excel-based operations for real businesses: a two-country supply-chain platform, an inventory system spanning 100+ factories, and multiple full e-commerce platforms. Strong focus on clean UI, motion design, and shipping reliable software fast.

EXPERIENCE

Software Developer

Specific Fire Protection Ltd (SFPL)

Jul 2025 – Present

Gujarat, India

- Co-developed **SFPL Connect**, the company's IoT fire-monitoring platform, in a two-developer team with a senior engineer: admin panel, client portal, and web server/APIs for real-time monitoring of fire-safety devices across client sites
- Owned major parts of the stack across the full lifecycle: database design, REST APIs, frontend, MQTT-based device data ingestion, and production deployment, taking the platform from zero to live operation within one year. Coordinated directly with AaroHi Embedded Systems, the outsourced hardware manufacturing and testing partner, on device data integration.
- Implemented role-based access control with operation-level permissions and shared login across the web and client portals; built cron jobs for alert push notifications and for Alert, log data from the database to AWS S3, reclaiming database storage.
- Built and maintained the deployment pipeline: Docker, GitHub Actions CI/CD, Nginx, Portainer, and AWS (EC2, S3).

Freelance Software Developer

Self-Employed

2023 – Present

Remote

- Independently designed and delivered production systems for real businesses, owning the complete lifecycle from client consultation, requirement gathering, and architecture design through development, review meetings, deployment, and ongoing maintenance.
- Managed complete hosting infrastructure for clients on Hostinger and self-managed VPS: domain and DNS configuration, SSL, custom business mailboxes, and server administration.
- Continuing part-time product work for The NextGen World, a skill-development academy from Rajkot.

Teaching Assistant, Web Development

Darshan University

2023 – Dec 2025

Rajkot, India

- Mentored students in MERN stack development and conducted Operating Systems tutorials; assisted faculty with curriculum delivery and project support for 2 years alongside my degree.

TECHNICAL SKILLS

Core: JavaScript, TypeScript, React, Next.js, Node.js, Express, MongoDB, PostgreSQL, REST APIs, Tailwind CSS

DevOps & Hosting: Docker, Portainer, GitHub Actions (CI/CD), Nginx, AWS (EC2, S3), Hostinger, VPS administration (Ubuntu), domain/DNS & mailbox setup, MQTT

Also worked with: Java, Python, Framer Motion, GSAP, Three.js/OGL, Swift

Tools: Git, Cursor, Claude Code, Figma, Cloudinary, Postman, Notion

Languages: English, Hindi, Gujarati

PROJECTS

Meganea, Two-Country Supply-Chain Platform

React 19, Node.js, Express, MongoDB, Docker, Nginx

- Digitized the entire operation of a ceramic-tile export company sourcing from **40 manufacturing factories in Morbi** and selling through its distributor warehouse in **Dubai**, replacing an operation previously run on Excel sheets and WhatsApp threads split across two countries.
- **Designed the complete software architecture** and led the project end-to-end: requirement meetings with stakeholders, reviews, development, and delivery. Built two React portals (India operations and Dubai sales) on one API with 19 resource modules, each portal supporting multiple user roles with permission management.
- Engineered a five-bucket stock model (available / booked / restocking / in-factory / in-transit) so both countries see truthful real-time availability, with status machines for every physical object: purchase orders, QC, pallets, and containers, plus full audit logs and PDF/Excel reporting.
- Outcome: procurement, shipping, and sales across India and Dubai now run on the platform; restock decisions that needed cross-country phone calls are now a dashboard glance.

Shanvi Enterprise, Distributed Inventory Management System

MERN, self-managed Ubuntu VPS

- Custom-built inventory system managing **INR 4 crore in assets distributed across 100+ factories and 20+ contractors**, with live stock counts and complete day-to-day operations, designed from scratch around the client's exact workflow as a replacement for Excel.
- In production for **over 1 year** and still in daily use, running on a VPS I provision and maintain.

Gravis India, Full E-commerce Platform

Fullstack, Nginx, VPS

- Complete e-commerce platform delivered as a collaborative freelance project: storefront with cart, user authentication, payment gateway integration, and order tracking for a real retail business.
- Full admin panel for catalog, inventory, and order management; deployed to production on VPS with Nginx.

Nirvana, Luxury Eyewear E-commerce

Next.js 16, GSAP, GLSL, PostgreSQL, Razorpay

- Cinematic e-commerce experience for luxury chain-mounted eyewear, built solo: GLSL hero animation with Lenis and ScrollTrigger scroll choreography for a premium brand feel.
- Complete commerce flow: Razorpay payments, cart, login, order tracking, and a full admin dashboard.

PopClock, Chrome Extension

Chrome Web Store

- Built for personal use and published to the Chrome Web Store, organically discovered by **300+ unique users worldwide** with 9 reviews; shipped a bug fix based on user review feedback.

Study Buddy, Learning Management System

React, Node.js, MongoDB, Kinde Auth

- LMS serving **150+ authenticated users**, primarily from Darshan University, with secure Google authentication and complete UI/UX design.

Vapor UI, Component Library

TypeScript, Tailwind CSS, Framer Motion

- UI component library of **20+ reusable components**: text animations, background effects, and interactive elements for expressive motion design.

EDUCATION

Darshan University, Rajkot

B.Tech, Computer Science

2022 – April 2026

CGPA: 8.53/10

ACHIEVEMENTS & LEADERSHIP

2nd Runner-Up, Conversantech Hackathon, Rajkot-level competition (2025)

Co-founded The NextGen World, a skill-development academy in Rajkot teaching entrepreneurship and technology; personally taught coding, AI, and technical fundamentals (2025)

Event Organizer, Challenger Series, coding competition with 120+ participants across departments, Darshan University (2024)

Hackathons: participated at DAIICT, MSU and DU (2022 – 2024)