

Akshay Patil

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EXPERIENCE

Value Creatives Tech Solutions LLP

Nov 2022 - Present

Senior Developer Analyst (Feb 2026 - Present) — Developer Analyst (Nov 2022 - Jan 2026)

- Own full-stack feature delivery - architecture, frontend, backend, and deployment - across production platforms spanning healthcare, HR, property, and education domains, built on Node.js/Express and React/Next.js/Vue.js.
- Integrated diverse third-party and architectural capabilities across platforms - multi-tenant architecture, maps/location services, CRM integrations, and external API integrations for partner and vendor systems.
- Architected Stripe and Razorpay payment integrations, including webhook-based event processing for transaction reconciliation and failure handling.
- Designed MongoDB and PostgreSQL schemas and query patterns to support production workloads across multiple platforms.
- Manage deployments and infrastructure on AWS EC2 with PM2 process management, Apache2 reverse proxy, and Certbot-issued TLS, alongside S3 for storage and SES for transactional email.

PROJECTS

Warden - Full-Stack Admin Panel Platform ↗

- Built a production-grade admin panel platform as a reusable boilerplate: pnpm monorepo (web/api/shared), Node/Express backend with layered route → controller → service → repository architecture.
- Implemented self-rolled session authentication with Argon2id password hashing and a granular RBAC/permissions system.
- Designed PostgreSQL schema via Prisma and a React/Next.js frontend using vertical-slice feature structure for maintainability.

Real-Time Chat Platform ↗

- Built a real-time messaging system using Socket.IO, Redis, and MongoDB with multi-tab presence tracking and delivery-state management.
- Implemented O(1) cursor-based pagination for scalable message loading without duplication, and handled distributed-state challenges including presence sync and message ordering.

TECHNICAL SKILLS

Frontend: React.js, Next.js, Vue.js, TypeScript, Redux, Tailwind CSS, SCSS

Backend: Node.js, Express.js, REST APIs, Authentication (JWT, OTP, session-based)

Databases: MongoDB, PostgreSQL, Prisma

Cloud & DevOps: AWS (EC2, S3, SES), PM2, Apache2, Certbot, Docker, Git

PROFESSIONAL TRAINING

Full Stack Web Development (MERN + DSA)

Masai School

2021 - 2022

- Completed an intensive full-time program covering the MERN stack, data structures, and computer science fundamentals.
- Built multiple full-stack projects and transitioned into professional software engineering.

EARLY EXPERIENCE

Café Owner

2017 - 2020

- Managed end-to-end business operations, including inventory, customer experience, vendor coordination, hiring, and daily operations in a high-pressure environment.