

JAYESH KUGSIYA

Senior Full-Stack & AI Engineer | TypeScript, Next.js, Node.js

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SUMMARY

Full-stack engineer with 5 years of building B2B SaaS and AI products from first commit to production. I lead engineering at a commerce-software startup and lead products for US clients as a freelancer. I own architecture, code, cloud infrastructure, and releases, with a focus on reliable LLM features. My fixes ship in React Aria, Mantine, and Orval.

SKILLS

Languages: TypeScript, JavaScript, Python, SQL, Swift

Frontend: React, Next.js, Tailwind CSS, shadcn/ui, TanStack Query, React Native, Expo

Backend: Node.js, Bun, Express, GraphQL (Apollo, TypeGraphQL), tRPC, FastAPI, REST, WebSockets

Data: PostgreSQL, MongoDB, Drizzle, TypeORM, Prisma, Redis, BullMQ, Celery, ClickHouse, MeiliSearch, pgvector

AI: Vercel AI SDK, OpenAI and Anthropic APIs, RAG, tool-calling agents, structured outputs, LLM evals, LiveKit voice

Cloud: GCP (Cloud Run, Cloud SQL), AWS (ECS, EC2, S3, SES), Terraform, Docker, CI/CD, OpenTelemetry, Sentry

Auth and payments: Better Auth, OAuth 2.0, passkeys, RBAC, Stripe, PayPal, Razorpay, Chargebee, Shopify apps

EXPERIENCE

Head of Engineering (Tech Lead)

Oct 2021 – Present

The Developer Company Pvt. Ltd. (TDCCommerce) | Udaipur, India

- Core engineer on TDCCommerce since launch, a multi-tenant commerce ERP processing about 9,000 orders a month.
- Built SuperSearch: a query builder with pivots, grouping, scheduled searches, and streamed exports.
- Built payment reconciliation across Stripe, PayPal, Razorpay, and Plaid, including payout matching.
- Built an AI import assistant: LLM column mapping, PDF table extraction, and streaming 250 MB CSV imports.
- Built the OAuth 2.0 server and control plane that provisions each tenant on Cloud Run with its own domain.
- Run per-tenant GCP infrastructure in Terraform across 2 regions: Cloud Run, Cloud SQL, and Memorystore.
- Shipped usage billing and helpdesk routing for TIA, an embeddable AI agent with RAG, tools, and voice.
- Built Google Ads attribution, KPI alerts, Twilio calling, passkeys, and a Shopify AI order-checking app.
- Lead the team leads of a 25-developer engineering team, and own releases, code review, and standards.

Freelance Lead Engineer | Remote, for clients in the US and India

Aug 2025 – Present

Amplify Lead Solutions and AMPCO Contracting (California, US)

- Sole engineer on Bid-Board, a multi-tenant CRM with 20+ active users: GraphQL, real-time chat, RBAC, billing.
- Built its AWS SES email platform: inbound threading, open and click tracking, bulk sends, and automations.
- Built LeadMiner, an AI pipeline that turns California environmental filings into 10+ approved leads a day.
- Built ProofStory, where a tool-using AI agent turns project footage into edited videos (Remotion, AWS ECS).
- Shipped a native SwiftUI iOS app for AMPCO's guest events, with scheduled push alerts sent by staff.

Kingdom of Chess (chess academy for 10,000+ families in 30+ countries) | Aug 2025 – Jan 2026

- Lead developer on the admin, coach, and student apps: lesson library, puzzle quizzes, and leaderboards.
- Built Microsoft Teams classes with auto-created meetings and saved recordings, plus WhatsApp reminders.

OPEN SOURCE

7 merged pull requests in 2026, each with tests, reviewed and merged by the maintainers:

- **React Aria (Adobe):** stopped the library from crashing on import in runtimes without a screen object, such as Deno.
- **Mantine:** fixed Cascader keyboard navigation in right-to-left layouts, released in 9.7.3.
- **Orval:** generated Zod schemas for shared responses, request bodies, and false schemas (2 pull requests).
- **Conform:** let onBlur and onInput handlers cancel default behavior, released in 1.21.2, and fixed a flaky test.
- **Actual Budget:** fixed moving budget categories between groups on mobile.

DeviceGate (MIT, github.com/jkugsiya/DeviceGate): a self-hosted Claude Code gateway with device tokens and quotas.

EDUCATION

B.Tech, Computer Science, Techno India NJR Institute of Technology

2018 – 2022