AKSHAT KUMAR

Full-Stack & AI Developer

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SUMMARY

Full-Stack Developer with 3+ years shipping production web apps, most recently as lead developer on Kumbh Drishti, the operations platform for Kumbh Mela 2027. Strong in Next.js, TypeScript, Node.js and PostgreSQL/PostGIS, and builds AI into products: tool-calling assistants, LLM pipelines and workflow automation. Works AI-first day to day, with specs, tests and CI keeping that speed reliable. Works independently and cares about how things hold up in production.

EXPERIENCE

Software Developer | The CraftSync *Oct 2025 – Present*

Kumbh Drishti — GIS operations platform for Kumbh Mela 2027 *Lead developer · Nov 2026 – present*

- Built end to end, solo, the platform that tracks every work site across 32 sectors as a ticket on a live map; in daily use by the project team, with ~10,000 tickets filed and resolved
- Served ~70 PostGIS layers as on-the-fly vector tiles to a MapLibre GL map, with parcels recoloured live by ticket status
- Shipped a bilingual Hindi/English assistant on Azure OpenAI that answers through 12 read-only, role-gated tools over live data instead of guessing
- Built field verification: surveyors upload photo and video proof through signed uploads, and every department "done" claim shows as Verified, Disputed or Not verified
- Automated daily syncs from 5 department progress sheets into live tickets, with a log of every change
- Set up CI that runs lint, typecheck and 64 test suites (unit + Playwright end-to-end) and smoke-tests the deploy package before shipping to Azure App Service over OIDC

Earlier at CraftSync

- Designed and shipped multiple production web apps end-to-end, including SyncityEvents and Ancient Health, in React and PostgreSQL with clean, normalized data models
- Cut load and interaction times by ~30% through query optimization, fewer re-renders, and a cleaner component architecture
- Integrated third-party services (payments, analytics, forms) to extend platform functionality

MERN Stack Web Developer | NMOLD *Nov 2024 – Feb 2025*

- Developed 3+ full-stack applications with MERN and Next.js, all deployed to production
- Implemented SSR and API routes in Next.js, cutting page load times 30–40% with lazy loading and query optimization
- Shipped features about 20% ahead of schedule through iterative releases and remote cross-team work

Full-Stack Developer | Social Hikers *Apr 2023 – Jan 2024*

- Completed 4 web apps and UI design projects from concept to deployment using MERN and Next.js
- Deployed on Vercel with SEO optimization and performance tuning
- Worked directly with international clients, handling requirements and resolving issues end-to-end

PROJECTS

Second Brain — Personal AI Knowledge Base *2026*

- Private, encrypted knowledge graph that Claude distills from my own AI conversations; the host only ever stores ciphertext, and a custom MCP connector lets claude.ai read a scoped feed from it

Hat Phones — Shopify Storefront *Mar 2026*

Canadian phone retailer

- Built a Next.js storefront with full Shopify API integration, scoring 100/100 on Google PageSpeed
- Designed an 8-step device intake wizard guiding customers through selecting and submitting device details
- Tuned rendering and assets for fast loads and strong SEO; deployed on Vercel

Xpendz × XNomz — Finance & Nutrition Tracker *Feb 2026*

- Built a dual-module mobile app (React Native + Expo) on a shared Next.js 14 backend, shipped to iOS via TestFlight
- Integrated the Google Gemini API for food recognition tuned to Indian cuisine, with hardcoded calorie anchors for 20+ dishes to keep hallucinations in check
- Engineered a Gmail OAuth integration with a custom multi-bank regex parser that auto-extracts transactions from HDFC, OneCard, and other notification-email formats
- Built 3-layer deduplication (client IDs, a DB unique index, and time-window matching) to stop duplicate transactions across email sync and manual entry
- Added native iOS home-screen widgets through a custom Expo module bridge, updating live after each transaction, meal, or water entry

Ridge Construction — Marketing Site *Dec 2025*

Canadian construction company

- Built a full-stack marketing site with Next.js, MongoDB, and Cloudinary, deployed on Vercel
- Engineered a Cloudinary image pipeline serving 14+ project showcases with URL-based transforms (width, quality, format) for fast loads without manual processing
- Added a shareable, SEO-friendly filterable gallery (URL params) and an auth-protected admin dashboard (bcrypt) so the manager can add showcases without touching code

Desii Gabru — E-commerce Platform *Jan 2024*

Social-media influencer storefront

- Built a full MERN-stack e-commerce site from scratch, including UI design, for a social-media influencer
- Implemented OAuth 2.0 + JWT auth and a payment gateway; processed 500+ transactions in the first month

SKILLS

Languages: TypeScript, JavaScript, Python, SQL, C
Frontend: React, Next.js, React Native, Tailwind CSS, MapLibre GL, HTML/CSS, Figma
Backend & Databases: Node.js, Express, PostgreSQL + PostGIS, MongoDB, REST APIs
AI & Automation: LLM integration and tool calling (Azure OpenAI, Claude, Gemini, Groq), MCP, prompt engineering, n8n, LangChain, Claude Code
Testing & Deployment: Playwright, CI/CD, Azure App Service, Vercel, Docker, Git, OAuth 2.0, JWT, SEO

EDUCATION

B.Tech in Information Technology *Aug 2022 – Jun 2026*

College of Engineering Roorkee, Uttarakhand