

# KAUSHAL MISHRA

## Senior Frontend Engineer

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### PROFESSIONAL SUMMARY

Senior Frontend Engineer with 5.7+ years building production-grade, SEO-optimized SaaS and AI-powered web platforms in React, Next.js, and TypeScript. Currently lead two products end-to-end — InfoQueries, an AI search platform with multi-provider LLM streaming, and InfoLegacy, a three-tier digital legacy platform spanning NestJS, Next.js, and Flutter. Previously rebuilt a zero-SEO Flutter Web platform into a fully indexable Next.js SSR product covering 25,000+ pages. Pairs hands-on engineering with product ownership, directing teams of up to 4 as primary developer.

### TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Dart, SQL

**Frontend:** React 19, Next.js 16, Tailwind CSS 4, TanStack Query, Zustand, React Hook Form, Zod, Framer Motion, shadcn/ui

**Backend & Data:** Node.js, NestJS, Express.js, PostgreSQL, MongoDB, MySQL, Drizzle ORM, GraphQL, Redis, BullMQ, Dexie/IndexedDB

**Mobile & AI:** Flutter, Riverpod, LangChain, Ollama, Gemini, Perplexity, Multi-Provider LLM Abstraction, OCR (Tesseract)

**Architecture:** SSR, SEO, Open Graph, Streaming UI (SSE), Modular Monorepo, MVC, Clean Architecture

**Platforms & Tools:** Docker, JWT/SSO, httpOnly Auth, CSP, Google Maps API, Git, pnpm, Vite, Jira, Figma, Agile/Scrum

### WORK EXPERIENCE

#### Senior Frontend Engineer & Product Lead | Enso Web Works

Aug 2025 – Present

- Own the roadmap for two products shipping in parallel — InfoQueries & InfoLegacy — directing a 4-member cross-functional team (Flutter, Backend, Web) through two-week Agile sprints as primary hands-on developer.

#### InfoQueries — AI Search & Knowledge Platform (Next.js 16, React 19, TypeScript, NestJS)

- Architected the web client from scratch (~32K lines, 8 modules), authoring the majority of repo commits while contributing across the NestJS API and Flutter clients.
- Built a ChatGPT-style conversational UI with real-time SSE streaming (~1s first token) via a stream manager resilient to conversation switches, remounts, and concurrent requests.
- Engineered a multi-provider LLM layer (Gemini, Ollama, Perplexity) with quota-aware fallback and 5-tier usage metering; shipped 6+ intent modules plus web/image/video/news verticals with ECharts & MapTiler visualizations.
- Hardened the client with strict CSP, sanitized Markdown rendering, httpOnly-cookie SSO, SSR, SEO/Open Graph metadata, dark mode, and i18n across every route.

#### InfoLegacy — Digital Legacy Platform (NestJS, Next.js 16, Flutter, LangChain)

- Built a 3-tier platform (~55K lines) — 57 REST endpoints across 14 modules and a 12-table PostgreSQL schema (Drizzle ORM).
- Designed the core legacy vault (6 asset types) with nominee invitations, granular permissions, an approval workflow, and a full audit trail.
- Built an AI biography pipeline (LangChain + Ollama) aggregating Wikipedia/LinkedIn/X and OCR-parsed resumes with anti-hallucination checks, orchestrating jobs via Redis/BullMQ, emitting 11 schema-validated sections.
- Implemented cross-platform SSO/JWT auth with an AES-encrypted native ↔ WebView bridge; architected the Flutter/WebView hybrid mobile client (Riverpod, Dio).

#### Frontend Engineer / Lead Frontend Engineer | Enso Web Works

Jan 2025 – Jul 2025

- Rebuilt InfoProfile from Flutter Web (zero SEO) to Next.js with full SSR — taking the platform from 0 to 25,000+ indexed, individually optimized pages with Open Graph previews.
- Designed a scalable, modular frontend architecture on MVC principles and converted complete Figma designs into a pixel-perfect, mobile-responsive production app.
- Built digital visiting cards (QR), public/logged-out profiles, LinkedIn-style feeds, “People Nearby” discovery via Google Maps, and multi-category profiles.
- Led a 4-member team, owning Jira sprint planning, bug triage, and production deployments.

#### Developer – Frontend | StoreApps (Formerly Aspire Global)

Nov 2020 – Jan 2025

- Led UI/UX design and development across four sub-brands (StoreApps, Putler, Icegram, Offermative) serving 10,000+ active users, in React.js, Tailwind CSS, GraphQL, Postgraphile, and Figma; owned Putler (SaaS analytics) and built the frontend for Offermative, an AI-powered WooCommerce upsell plugin.
- Developed landing pages and lead-capture/email flows for StoreApps and Icegram; configured product docs on Docusaurus; trained and led a team of 5 on blog content.

### PROJECTS

- BookieFY:** Full-stack book borrowing platform with Razorpay payments. (React.js, Firebase, MongoDB, PostgreSQL, Express.js)
- E-notary:** Full-stack notary portal digitizing court visits with Paytm integration. (React.js, Tailwind CSS, MySQL, Express.js)

### EDUCATION

- MCA, Computer Applications**, Thakur Institute of Mgmt. Studies | **BSc, Information Technology**, Nirmala Memorial Foundation College