

SUMIT KUMAR

FRONTEND ENGINEER

React · Next.js · TypeScript · AI Product Interfaces

Gurugram, India · +91 82923 59259 · sumkumar723@gmail.com

[LinkedIn](#) · [GitHub](#) · [Portfolio](#) · [LeetCode](#)

PROFILE

Frontend engineer with 3 years of production experience as the sole frontend owner of 10+ live SaaS, AI, and analytics applications. Built real-time AI chat, natural-language analytics, and voice interfaces in production, alongside sustained performance work: **33% smaller bundles, 45% lower streaming latency, and a design system that cut feature build time by 40%**.

EXPERIENCE

Software Engineer, Frontend · Studio Graphene Pvt Ltd

Oct 2023 – Present

Gurugram · Sole frontend engineer across all client products: owned architecture, technical decisions, and end-to-end delivery.

- Shipped **10+ production applications** across SaaS, AI, and analytics as the only frontend engineer, handling everything from requirement gathering to deployment.
- Engineered a real-time AI chat interface with SSE streaming, cutting connection latency by **45% (~800ms → ~440ms)** for live model responses.
- Architected a **50+ component design system** from scratch in React and TypeScript, reducing feature build time by **40%** across all product codebases.
- Cut JS bundle size by **33% (2.1MB → 1.4MB)** through code-splitting, lazy loading, and Webpack optimisation.
- Designed a Redux Toolkit state architecture with a custom-hooks abstraction across 4+ codebases, consolidating API logic and eliminating ~800 lines of duplicated CRUD code.
- Led REST API integration across products, defining TypeScript data contracts with backend teams for type-safe frontend-backend delivery.
- Owned GitHub Actions CI/CD, Jest test coverage, and code-review standards, with **no critical production bugs** in client deployments to date.

KEY PRODUCTS BUILT

Pulse · Engineering Analytics Platform

React · Next.js · TypeScript · Redux Toolkit · React Query · REST

- Built a full-scale developer-metrics dashboard with real-time visualisations and complex CRUD flows over Jira and GitHub data.
- Built **Pulse AI**, a natural-language query assistant that lets non-technical stakeholders pull real-time project and developer insights without writing a single query.
- Cut redundant API calls by **50%** with React Query caching and reduced re-renders by **45%** via memoisation and selective context splitting.

MealPilot · AI Food-Ordering App

[Live Demo](#) · [Source Code](#)

React · Next.js · TypeScript · Redux Toolkit · Claude API

- Built a food-ordering app on the live Swiggy API (proxied through Next.js to handle CORS), with search, a Redux Toolkit cart, and shimmer loading, backed by a bundled fallback for reliability.
- Added an AI ordering assistant that turns a natural-language request into real menu suggestions with one-click add-to-cart; kept the LLM key server-side and validated model output against the menu, with a rule-based fallback so the public demo runs free.
- Measured the AI assistant's accuracy with an evaluation script across a dozen test queries.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript

Frontend: React.js, Next.js, Redux Toolkit, React Query, Tailwind CSS, SCSS, HTML5, CSS3

AI & Real-time: LLM API integration (Claude, OpenAI), SSE streaming, Web Speech API, NLP-driven UX patterns

Performance: Core Web Vitals, code-splitting, lazy loading, memoisation, Webpack, caching strategies

Testing & Tooling: Jest, React Testing Library, Git, GitHub Actions, Docker, Azure DevOps, Postman

ACHIEVEMENTS & EDUCATION

- LeetCode 1500+ rating, 600+ problems solved;** consistent algorithmic practice alongside full-time engineering.
- B.Tech, Electronics & Communication Engineering** · Gurukula Kangri University, Haridwar (2019–2023) · CGPA 8.0/10.