

KUNAL PATEL

Senior Frontend Engineer | React • Next.js • TypeScript

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 4+ years architecting high-performance, compliance-sensitive web and desktop applications using Next.js, React, TypeScript, and Tailwind CSS. Shipped GDPR/HIPAA-compliant platforms, multi-tenant SaaS, and cross-platform Electron apps with shared state layers. Led a team of 3 engineers, drove a 40% bundle-size reduction, and integrated AI-assisted workflows (Claude Code, MCP, Agent Skills) into daily development. Strong in reusable component libraries, state management (Zustand, Redux, Context), SEO, and REST integration — with working backend exposure to Node.js, Strapi, and PostgreSQL.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML5, CSS3

Frontend: React, Next.js, Electron, Tailwind CSS, SCSS, Redux, Zustand, Context API

Backend: Node.js, Strapi, Express, REST APIs, Socket.io

Databases: PostgreSQL, Firebase (Firestore, Auth)

DevOps & Cloud: Git, AWS (S3, Amplify), Vercel

AI-Assisted Development: Claude, Claude Code, MCP (Model Context Protocol), Agent Skills, Cursor, GitHub Copilot, ChatGPT

Tools & Workflow: VS Code, Figma, Postman, Swagger, Jira, ClickUp, Agile/Scrum

PROFESSIONAL EXPERIENCE

Solguruz LLP — Ahmedabad, Gujarat, India

Associate Software Engineer — Frontend (React / Next.js) 2022 – Present

Promoted from Software Development Intern (2022)

- **Led a frontend team of 4 engineers:** assigned work in ClickUp, ran daily standups, mentored on React/Next.js patterns, and drove Agile sprints to on-time delivery.
- **Reduced production bundle size by 40%** through code-splitting, dynamic imports, lazy loading, tree-shaking, and Tailwind CSS purging — improving Time-to-Interactive on mobile.
- Architected reusable React components, custom hooks, and Next.js utilities following DRY and composition patterns, cutting feature development time across multiple projects.
- Reviewed pull requests for code quality, accessibility (WCAG), performance, and API integration correctness across Strapi and REST endpoints before merging to develop and main.
- **Conducted technical interviews** for frontend candidates — screening for React, TypeScript, system design, and problem-solving; contributed to hiring decisions.
- **Integrated AI-assisted development workflows** (Claude Code, MCP servers, custom Agent Skills) into the team's daily practice, standardizing prompt patterns and agent-driven code review to accelerate delivery.
- Collaborated cross-functionally with backend (Node.js, Strapi, PostgreSQL), product, and design teams in an Agile environment.

KEY PROJECTS

E-Invoicing Platform | *Next.js, TypeScript, Tailwind CSS, NextAuth.js*

- Architected a **GDPR/HIPAA-compliant e-invoicing platform** for the German market with secure authentication and compliance-sensitive form flows.

- Implemented role-based access control, audit trails, and data-handling patterns aligned with EU regulatory requirements.

Compliance Management System | *Next.js, TypeScript, NextAuth.js, Zustand, Tailwind CSS, Socket.io*

- Led frontend across **Admin, User, and Attorney panels** with role-based access control and secure authentication via NextAuth.js.
- Architected a reusable component library, custom hooks, and centralized Zustand state management.
- Built a survey builder, compliance-scoring dashboards, real-time notifications, Kanban-style attorney board, and in-app chat (Socket.io).
- Integrated REST APIs for survey workflows, compliance scoring, and ticketing; optimized performance via code splitting and lazy loading.

US Nursing Staffing Solution | *React, Zustand, SCSS, Socket.io*

- Led a team of 2 developers through end-to-end delivery; owned client communication on scope, specs, and milestones.
- Built **Master Admin** and **Facility** panels with dynamic role-based access control and REST API integration.
- Managed Git workflow — reviewed and merged commits into develop branch, maintaining code consistency across the team.

Activity Tracker (Desktop + Web) | *Electron, Vite, React, Zustand, Tailwind CSS*

- Shipped a **cross-platform productivity tracker** — Electron desktop app + responsive web panel — sharing a single React/Zustand state layer.
- Desktop app captured time logs, periodic screenshots (3 per 5 min), and keyboard/mouse activity with idle-time detection.
- Web panel enabled task creation, status updates, and productivity reporting (active vs. idle time breakdown).

Multi-Tenant Product Information Management (PIM) Platform | *Next.js, TypeScript, Tailwind CSS, Strapi*

- Led frontend development of a **multi-tenant SaaS platform** for product information management.
- Designed a reusable component library and design-system primitives adopted across multiple internal projects.

AWARDS & RECOGNITION

- **Employee of the Quarter** — Solguruz LLP, Q1 2025
- **Pat on the Back Award** — Solguruz LLP, Q3 2025 & Q2 2024

CERTIFICATIONS

- **Claude 101, Claude Code, AI Fluency, Model Context Protocol (MCP), Agent Skills** — Anthropic

COMMUNITY

- **Founder & Co-Organizer, JavaScript Gujarat** — building a regional developer community for JavaScript, React, and Next.js through meetups, speaker sessions, and knowledge-sharing events.

EDUCATION

Master of Science in Information Technology (M.Sc. IT)2020 – 2022

GLS University, Ahmedabad, Gujarat, India

Bachelor of Computer Applications (BCA)2017 – 2020

Gujarat University, Ahmedabad, Gujarat, India