Sagar Sunil Dixit

UI Architect | Frontend Architecture | Design Systems | React | Next.js

Goa, India (open to relocation) | Immediate joiner | sagar876@gmail.com | +91 9158912876 | linkedin.com/in/sagar-dixit-2055a7124 | github.com/sagar876

PROFESSIONAL SUMMARY

Frontend architect with 9+ years designing scalable React, Next.js and TypeScript platforms across travel, FinTech, e-commerce and SaaS. Led frontend architecture for global airline platforms at AirFi, built a company-wide component library at Fabric, and re-architected a legacy portal to cut load time from ~7–8s to 2–3s. Experienced in real-time and offline-first architecture, access control, performance standards and mentoring engineering teams.

SKILLS

- **Architecture:** Frontend Architecture, System Design, Design Systems, Component Libraries, Module Boundaries, Migration Strategy
- **Frontend:** React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3
- **Real-time & Data:** WebSockets, PWA, Offline Sync, REST, GraphQL, Redux, Zustand, React Query
- **Performance & Security:** Core Web Vitals (LCP, INP), Code Splitting, Lazy Loading, RBAC, i18n
- **UI & Tools:** Tailwind CSS, Radix UI, shadcn/ui, Styled Components, Material UI, Figma, Jest, React Testing Library, Playwright, GitLab CI/CD, LLM/GPT Integration

KEY ARCHITECTURE DECISIONS

- **Offline-first sync (AirFi):** Designed a PWA sync engine with background sync, request queuing and conflict resolution so ops teams could capture data reliably without connectivity.
- **Stack modernization (AirFi):** Standardized applications on Next.js, TypeScript and Tailwind CSS to improve type safety, maintainability and delivery speed.
- **Performance re-architecture (Fabric):** Introduced route-based code splitting and lazy loading and removed render-blocking scripts, cutting admin portal load time from ~7–8s to 2–3s.

EXPERIENCE

Freelance Engineer | Self-employed, Remote | Feb 2026 – Present

- Delivered pixel-perfect, responsive web applications for freelance clients.
- Fine-tuned and optimized the performance of internal dashboards for a Goa-based client.

Senior Frontend Engineer | AirFi.aero, Bangalore | May 2024 – Jan 2026

- Owned frontend architecture for global airline platforms; set code-quality, review and delivery standards for the frontend team.
- Architected an offline-first PWA sync engine (background sync, request queuing, conflict resolution) for ops teams in low-connectivity environments.
- Designed the WebSocket real-time layer for device tracking, flight monitoring and operational messaging, plus platform-wide RBAC.
- Led migration to Next.js, TypeScript and Tailwind CSS; delivered a GPT-powered Airline Copilot conversational UI.

Senior Software Engineer | Fabric.inc, Bangalore | May 2021 – Nov 2023

- Architected UI Library 2.0 in React and TypeScript, a unified design system for consistent, reusable UI across products.
- Re-architected the legacy admin portal with code splitting and lazy loading, cutting load time from ~7–8s to 2–3s and LCP under 2.5s.
- Led a team of engineers through technical design, scoping and delivery.

Earlier Experience

- **Senior Software Engineer**, Spacejoy, Bangalore (Aug 2020 – Apr 2021): Replaced global CSS with component-scoped styled-components, eliminating style collisions.
- **Software Engineer**, Happay, Bangalore (May 2019 – Aug 2020): Planned and led a full-codebase React 15 → 16 migration in one week with zero regressions.
- **Frontend Engineer**, Ninestack, Goa (May 2016 – Apr 2019): Led the company's most profitable CMS platform, adopted by 50+ clients within 4 months; mentored 2 interns.

EDUCATION

B.E., Goa Engineering College, 2015 | Certification: JavaScript Algorithms & Data Structures, freeCodeCamp

AWARDS

Employee of the Year, Employee of the Month, Emerging Leader of the Year — Ninestack (2017–2018)