Ritesh Kumar Sinha

Senior Frontend Engineer - React • Next.js • Scalable Frontend Architecture
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SUMMARY

Senior Frontend Engineer with 6+ years of experience building and shipping scalable web platforms across AI, fintech, Web3, and climate tech. Built 4 client-facing production systems from scratch, leading all frontend architecture decisions. Strong at turning complex product requirements into clean, performant UIs and helping teams build on them.

SKILLS

Frontend: React, Next.js, Redux, React Query, MUI, Tailwind CSS, TypeScript, JavaScript
Architecture: Design Systems, Modular Frontend Architecture, Micro-Frontend Patterns, Performance Engineering
Backend & APIs: REST APIs, n8n Workflow Automation, Blockchain / XRPL
DevOps & Testing: Docker, AWS, Vercel, CI/CD Pipelines, Jest
Domain: AI/LLM Dashboards, Fintech & Financial UIs, Web3, KYC & Wallet Onboarding, Carbon Credit Systems

EXPERIENCE

W3 SaaS, Remote, *Senior Frontend Engineer* MAY 2023 - PRESENT
- Built 4 client-facing products from scratch as the lead frontend engineer on a 2-3 person team: an AI CRM, a fractional real estate platform, a carbon credit registry, and a smart wallet system.
- Designed the frontend architecture for all 4 products modular React/Next.js structure, shared component libraries, and patterns the whole team could build on.
- Built a design system from the ground up used across all 4 products cut down inconsistencies and made shipping new features significantly faster.
- Built the AI CRM's financial underwriting dashboard complex UI parsing bank statements, credit data, and documents, used directly by enterprise clients for loan processing.
- Built the fractional real estate platform with XRPL wallet integration, token-gated access, and on-chain analytics.
- Developed the carbon credit registry platform a unified platform for clients to track and trade carbon assets.
- Optimized performance across all products (code splitting, lazy loading, memoization, bundle tuning) noticeably faster load times on data-heavy dashboards.
- Built KYC and wallet onboarding flows handling sensitive financial and Web3 user data with multi-step validation.
- Was the main frontend contact with clients and product took unclear requirements and turned them into working, scalable UIs.
- Set the coding standards, did code reviews, and helped junior devs level up on the codebase.

Idyllic Software Inc, Remote, *Senior Frontend Engineer* JAN 2022 - APR 2023
- Inherited a messy class-based React codebase and led the cleanup, migrated to React Hooks, introduced TypeScript, and refactored the most complex parts to be maintainable.
- Introduced custom hooks and better state management patterns that the team adopted going forward.
- Played a key role in frontend architectural decisions during a broader modernization push.

Intech Venture, Remote, *Frontend Engineer* JUL 2021 - NOV 2021
- Developed production-ready fintech interfaces using React and REST APIs.
- Delivered multiple feature releases supporting financial product workflows.
- Ensured responsive design and cross-browser compatibility across client applications.

Easy Lorry, India, *Frontend Developer* JUL 2020 - JAN 2021
- Built a logistics management dashboard with real-time tracking and fleet monitoring UI.
- Designed operational analytics views to improve visibility into transport workflows.

IndiaText, India, *Frontend Developer* OCT 2018 - JUN 2020
- Developed and maintained internal web applications using React.

- Built workflow automation tools that streamlined internal operations.

EDUCATION

IIT Patna - *M.Tech, Blockchain & Big Data* 2024 - 2026

Rungta College of Engineering - *B.Tech, Computer Science* 2014 - 2018

TECHNICAL WRITING

Publishes articles on frontend architecture, performance engineering, and AI productivity at [dev.to/rio14](dev.to/rio14).