VIKAS SINGH

Senior Frontend Engineer | React.js · Next.js · Full-Stack (Node.js · Express · MongoDB) · React Native
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Summary

Senior Frontend Engineer with 5.5+ years building production React.js / Next.js applications across FinTech, SaaS, and Enterprise. Deep expertise in component architecture, state management, real-time systems, performance optimization, and security-focused development**. Full-stack capability: 2+ years shipping Node.js / Express backends with PostgreSQL and MongoDB, REST APIs, real-time Socket.io systems**. Security-first approach: RBAC, encrypted payloads, SonarQube automation, secure deployment pipelines. **Actively practicing React Native for mobile expansion.**

Skill

Frontend: React.js, Next.js (SSR/CSR/SSG/ISR), TypeScript, JavaScript (ES6+), Redux Toolkit, React Query, Zustand, Tailwind CSS, Material UI, ShadCN, PWA
Backend (MERN Core): Node.js, Express.js, Fastify, MongoDB, PostgreSQL, Drizzle ORM, REST APIs
Architecture & Tools: Micro-Frontend (Module Federation/ Turbo), WebSockets / Socket.io, JWT/RBAC, Axios Interceptors, Docker, Azure, CI/CD (GitHub Actions, Azure DevOps), Nginx, Static Application Security Testing (SAST) via SonarQube,Nginx Git
Mobile (Activelearning): React Native | Mobile-first Architecture
Testing & Performance: OpenAI / LLM Integration, Performance Optimization (Core Web Vitals/ Memoization), WCAG 2.1, Jest, Vitest, React Testing Library, Playwright, Agile/Scrum
AI & Tools: OpenAI APIs | LLM Integration | Claude Code | Antigravity AI Agents | Ollama (Local LLMs)

Work Experience

Ziksu Capital Ltd • Senior Frontend Engineer
July 2025 – August 2026 | Mumbai

• **Delivered production financial admin platform using React.js, TypeScrip**t (customer onboarding, KYC, transactions, withdrawals, multi-role dashboards) from ambiguous requirements to live deployment with full ownership
• **Architected security-first RBAC using Axios interceptors with JWT authentication and encrypted payloads**; implemented secure request/response handling and authorization flows using React Context for state management; **Created unit tests to validate encryption and auth edge cases**
• Owned frontend architecture decisions, security trade-offs, and delivery across core features

• **Automated Node.js based SonarQube integration via Bash scripts into OCI Server: achieved 85% code quality baseline with team-wide adoption sonarqube, lint, LLD.**
• Managed production deployment pipeline on OCI: automated deployments with staging/QA/production gates, pre-commit tests, linting via GitHub Actions,
Optimized frontend bundle size using Vite bundle analyzer; identified and eliminated
• Mentored junior developer on secure coding practices, architecture, code standards, and best practices; delivered features within 2-week sprints with minimal oversight

Mobile Programming India (Client: Fynd) • Software Developer
June 2024 – January 2025 | Mumbai

• Worked on 4–5 production **image-processing applications using using Next.js, React, Node.js, PostgreSql**
• Designed and **delivered full-stack multi-language content pipeline** using Strapi (MVC architecture) with Node.js + Express backend; **integrated OpenAI APIs for automatic translation**; reduced manual translation effort by ~60% across MongoDB/PostgreSQL data layer
• **Deployed and managed production systems on Azure using Docker**; Deploy via GitHub and Azure DevOps
• **Built and maintained REST APIs and database schemas** using Node.js and Express
• Improved application performance by 30%+ across Next.js apps through SSR, lazy loading, component splitting, and API optimization
• Built 20+ reusable React components; integrated complex REST APIs and backend service

Media.net Software Services Pvt. Ltd • UI Developer
April 2022 – June 2024 | Mumbai

• **Built React-based CMS from scratch for internal team**; integrated with Java backend APIs for keyword/image management in advertising campaigns; reduced manual ad-ops effort by 40%
• **Optimized Lighthouse performance from 70 to 95+ through** rendering optimization, state management (Redux/React Query), lazy loading and Web Vitals.
• Integrated REST and GraphQL APIs across data-intensive dashboard applications serving 50+ users

Xcellhost Cloud Services• Web Developer
June 2020 – April 2022 | Mumbai

Xcellhost (June 2020 – Oct 2021):
• **Built responsive, SEO-optimized website**s using HTML5, CSS3, JavaScript, Bootstrap, HubSpot CMS
• Improved team velocity by 25% through reusable component patterns

WealthRhino (Nov 2021 – Apr 2022) — Sibling Business Unit :
• Engineered **Web application in React.js for Trading strategy and signal analysis**
• Owned frontend architecture and component design

Personal Projects & Independent Work

Forginity — Multi-Product SaaS Platform (In Progress)
Tech: MERN, PostgreSQL, Fastify, Drizzle ORM, React Native, Docker, Gemini LLM, Google Maps

• Designing a multi-product SaaS platform with shared authentication, identity, and SSO.
• Planning a Turborepo monorepo with micro-frontends and reusable shared packages.
• Designing shared backend services and planning TrackRide as the first product.

FG-Tracker — Full-Stack Developer (Freelance)
Aug 2026 – Oct 2026 | 2-month engagement
Tech: Node.js, Express.js, Socket.io, Sequelize, AWS

• Developed backend services for real-time workforce tracking, messaging, and geofencing.
• Built Socket.io features and REST APIs for messaging, location updates, and contact management.
• Managed database schemas, debugging, and backend deployment.

Craftorus Digital Solution — Digital Agency Website https://craftorus.com
Tech: Next.js, SEO, GEO

• Developed a responsive digital agency website using Next.js and reusable components.
• Implemented SEO and Generative Engine Optimization (GEO) to improve visibility across search engines and AI-powered search platforms.

Key Achievements

• Full-Stack AI Pipeline: Architected and shipped Strapi + OpenAI translation system reducing manual effort by 60% across production suite
• Real-Time Architecture: Designed Socket.io-based system for live location tracking, messaging, and geofencing with independent backend ownership
• Process Automation: Designed SonarQube + Bash deployment automation adopted team-wide; achieved 85% code quality baseline
• Performance Optimization: Delivered 20–30% performance gains across multiple production systems via SSR, code splitting, lazy loading
• Production Ownership: Shipped 4+ production systems (React, Next.js, Node.js) with end-to-end responsibility for architecture, security, and deployment
• Mentoring: Guided junior engineers on architecture, code standards, and best practices; established code review culture

Education

Bachelor of Computer Applications (BCA)
Yashwantrao Chavan Maharashtra Open University (YCMOU)
September 2017 – June 2020 • CGPA: 7.7

CURRENT FOCUS

• React Native — Actively building mobile applications
• Antigravity — AI orchestrations & chat applications
• Local LLMs/ Ollamas exploration / MCP Integrations
• AI-powered Chat / Suggestion / Planner/Etc. Applications