SAHIL JAIN

FULL STACK ENGINEER

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SUMMARY

Full Stack Engineer with 5+ years of experience building production-grade web and mobile applications using React.js, Next.js, and TypeScript. Specialized in creating performant, accessible, and SEO-optimized user interfaces with deep knowledge of Core Web Vitals and modern frontend architecture (SSR & SSG). Proficient in integrating REST and GraphQL APIs, implementing scalable UI systems, and automating workflows using cloud-native DevOps tools like Docker, Kubernetes, and AWS. Strong advocate for clean code, object-oriented JavaScript, and collaboration in remote, cross-functional teams.

CORE SKILLS

- **Frontend Development:** React.js, Next.js (SSR, SSG), TypeScript, JavaScript (ES6+), TailwindCSS, ShadcnUI, SCSS/SASS, Chakra UI, Material UI, DaisyUI, React Native, Vue.js, Svelte.js, Astro.js
- **Performance & UX:** Core Web Vitals (LCP, CLS, FID, TTFB), Lighthouse Audits, Responsive Design, Accessibility (WCAG 2.1), Performance Optimization, Lazy Loading, Code Splitting
- **API Integration, Backend & Databases:** REST, GraphQL (Apollo), Webhooks, PostgreSQL, MySQL, Prisma, MongoDB, Firebase, Node.js, Express.js, Python, FastAPI, Flask
- **Architecture & Programming Concepts:** Modern Frontend Architecture, Component-based Design, Object-Oriented JavaScript (OOJS), Functional Programming, Clean Code Principles, Reusable UI Systems
- **DevOps & Tooling:** Docker, Kubernetes, AWS, GCP, CI/CD (GitHub Actions, Jenkins, CircleCI), Cloudflare, Git, GitHub, GitLab, Bitbucket
- **Testing & Quality:** Unit/Integration Testing (Jest, Mocha), Code Reviews, Linting, Webpack, Parcel, Rollup, Performance Monitoring
- **AI & Automation:** OpenAI, LangChain, Prompt Engineering, GenAI UI Integration, Klaviyo API Automation, Mixpanel Analytics, Google Analytics
- **Collaboration & Communication:** Remote-first workflows, Agile/Scrum, Cross-functional Team Collaboration, Technical Documentation, Stakeholder Communication

PROFESSIONAL EXPERIENCE

Full Stack Engineer, Datacy Inc.   Jan 2023 – Mar 2025
- Spearheaded C2B Platform development, leading to a 30% increase in monthly active users.
- Built a full-fledged referral program with dashboard, analytics, and backend rewards logic, boosting acquisition by 45%.
- Automated email workflows via Klaviyo APIs, reducing ops workload by 60% and increasing open rates by 35%.
- Transitioned from dollar-based rewards to Datacy Coins, improving engagement by 40%.
- Rebuilt website in Next.js, improving Core Web Vitals by 50% and decreasing bounce rate by 22%.
- Upgraded the internal management dashboard (python + svelte.js) with high-priority tools, reducing manual workload for internal teams by ~30%.
- Added B2B platform features to support enterprise clients and close high-value partnerships.
- Integrated Mixpanel analytics to support data-informed decisions and feature iteration.

Full Stack Developer, Parallel Finance (now Nirvana Finance)   Nov 2021 – Oct 2022

- Developed core UIs for Polkadot & Kusama Crowdloan, Money Market App, and Parallel Wallet.
- Integrated Ledger Wallet transactions and asset imports into Chrome extension.
- Created scalable components for Parallel Design System using Storybook.
- Empowered the Parallel Wallet Chrome extension with transaction-signing functionality from Ledger Wallet.

Full Stack Developer, Coding Elements   Jul 2020 – Oct 2021

- Maintained and enhanced E-Learning platform and Ops Dashboard using React.js and Firebase.
- Created tools like class scheduler, certificate generator, and course trackers.
- Integrated course modules with India's Atal Tinkering Labs project.
- Engineered APIs facilitating seamless integration of Coding Elements Learning Modules with external E-learning platforms.

Full-Stack Web Developer Intern, RedCarpetUp.com   Nov 2019 – May 2020

- Maintained redcarpetup.com and built rewards and claim processing funnels.
- Created APIs in Python Flask, integrated code coverage tools, and contributed to Primer ops platform.

Full-Stack Web Developer Intern, VAYUZ Technologies   Sep 2019 – Nov 2019

- Built Meteor.js apps and managed tasks using agile sprints and Trello.
- Applied advanced UI styling using Bootstrap, Semantic UI, and Foundation.

PROJECTS

Emotion – A Notion Clone
- *Tech Stack:* Next.js, Node.js, Prisma, PostgreSQL, React, React Query, Zustand, Tailwind CSS, Shadcn/UI, Stripe, Docker etc..
- Developed a full-featured Notion-like app with nested pages, kanban boards, publishing, and AI assistant.
- Integrated Stripe for premium features and Dockerized app for scalable deployment.
- **Github:** https://github.com/sjcodebook/Emotion
- **Project Demo Link:** https://emotion.sahil-jain.com
- **Details:** https://github.com/sjcodebook/Emotion?tab=readme-ov-file#emotion-a-notion-clone

BUSINESS MANAGEMENT SYSTEM
- *Tech Stack:* React.js, Material UI, Firebase (Auth, DB, Functions, Hosting), Gmail Integrations etc..
- Designed and developed a business tool for Canadian painting company covering payroll, invoicing, and CRM.
- **Github:** https://github.com/sjcodebook/Business-Management-System
- **Project Demo Link:** https://business-manager.webbrainsmedia.com
- **Details:** https://webbrainsmedia.com/blogs/business-management-system

EDUCATION

Bachelor of Computer Applications (BCA)
Lovely Professional University

LANGUAGES

- English – Professional Proficiency
- Hindi – Native Proficiency

VIDEO RESUME

🎥 Watch on YouTube