Rajat Mehra

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Skills

Frontend: React, Next.js, Typescript, Javascript, Redux Toolkit, Zustand
UI & Styling: CSS, Styled-components, AntDesign, Tailwind, shadcn/ui, Radix
Testing & Automation: Jest, React Testing Library, Playwright, n8n (Workflow Automation)
Backend & APIs: Node.js, Express, REST APIs
Cloud & Tooling: AWS (S3, ECS, Lambda), Docker, Vercel, Netlify
Databases: MySQL, MongoDB, Supabase

Work Experience

Wednesday Solutions, Pune   Sep 2022 - Sep 2025
Software Engineer

- Led migration of a large-scale **Next.js** marketplace from **CSR to SSG**, improving **Lighthouse performance** scores from **~30** to **90+** and significantly increasing SEO-driven traffic.
- Designed and scaled reusable React component libraries across **micro-frontend applications**, enforcing accessibility-first patterns and achieving **100%+ WCAG** compliance through audits.
- Built a real-time fintech **reporting dashboard** to track offer performance, with charts by integrating third-party SDKs and filters for campaign insights and optimization
- Maintained **90%+** unit test coverage using Jest and React Testing Library and implemented **Playwright E2E testing** for critical user flows
- Implemented **Sentry** and **Lighthouse CI** monitoring, decreasing error rates by **30%**
- Engineered an **AI-powered Slack bot** in **Python** to auto-generate marketing campaigns – integrating **Claude-4** for text, **Photoroom + Vision APIs** for images, **Quickbase API** for data mining, and Custom Events Manager for automated WordPress landing page deployment – reducing setup time from **hours to ~15 min** while maintaining human QA enabling marketing to launch **5x** more campaigns monthly
- **Automated sentiment analysis** including pain-points and opportunity goals using **n8n**, **Firecrawl**, and Claude-4 from user-generated content, reducing product validation time from **3–5 weeks** to under **10 minutes**
- Built a **competitive insights workflow** in **n8n** that scrapes and analyzes Reddit, Quora and forum discussions using Firecrawl, **Serper** and GPT-4,enabling product team to identify feature gaps weekly and prioritize roadmap, improving market responsiveness
- Led design and documentation **TRDs** for internal tools and workflows, improving team velocity by **25%** and cutting developer setup time by **80%** for a team of 3 person

Crypto Owl, Remote   Feb 2022 - Apr 2022
Software Engineer

- Developed UI and deployed 3 crypto websites, enhancing user experience (UX), supporting product launches and attracting **10K** monthly users
- Built **analytics dashboard** enhancing monitoring of cryptocurrency coin

Projects

Website Highlight Saver 🔗
- Built a **Chrome extension** using vanilla JavaScript, HTML/CSS, and Chrome Manifest V3 APIs
- Users can highlight webpage text, store it locally, and generate AI-powered summaries using **OpenAI**

Education

DIT University   Batch of 2019
B.Tech in Computer Science and Engineering