

Rajat Mehra

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Skills

Core Languages & Framework: Typescript, Javascript, Next.js, React, Node.js, Express, Redux Toolkit, Zustand

UI & Styling: CSS, Styled-components, AntDesign, Tailwind, shadcn/ui, Radix

Cloud & DevOps: AWS (S3, ECS, Lambda), Docker, Vercel, Netlify

Databases & Storage: MySQL, MongoDB, Supabase

Testing & Automation: Jest, React Testing Library, Playwright, n8n (Workflow Automation)

Work Experience

Wednesday Solutions, Pune

Sep 2022 - Sep 2025

Software Engineer

- Migrated a **Next.js marketplace** from client-side rendering(**CSR**) to static site generation(**SSG**), boosting performance and SEO rankings
- Configured reusable component libraries with **micro-frontends**, enabling modular integration and achieving **100%** accessibility compliance verified by audits
- Integrated SDKs and built a real-time **reporting dashboard** in a fintech product to track offer performance, with charts 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, save it locally using **Chrome's storage API**, and fetch AI-powered summaries using the **OpenAI**
- Includes functionality for import/export of highlights as JSON, persistence across sessions, and smart UI elements (**visual feedback, and direct navigation via URL fragments**) for user interaction

Education

DIT University

Batch of 2019

B.Tech in Computer Science and Engineering