

# 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

- Built a **Next.js** marketplace with **SSR and SSG**, improving page load speed by **80%** and boosting SEO rankings to top 3 for card product categories
- 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 setup **E2E testing** for critical user flows using **Playwright**
- 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 and deployed 3 crypto websites, supporting product launches and attracting **10000** monthly users
- Built analytics dashboard enhancing monitoring of cryptocurrency coin

## Projects

### Website Highlight Saver 🔗

- Built a **Chrome extension** using JavaScript, HTML/CSS, and Chrome Manifest V3 APIs, enabling users to highlight webpage text, save it locally using **Chrome's storage API**, and fetch AI-powered summaries using the OpenAI API
- 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 intuitive user interaction

## Education

**DIT University**

Batch of 2019

B.Tech in Computer Science and Engineering