Milan Katira
MERN Stack Developer

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Work Experience

Senior Software Engineer, Instaservice – Remote (USA)   Aug 2023 – Present
- Led the end-to-end development of **Instaservice.com**, a scalable on-demand services platform, using **TypeScript**, **React**, **React Query**, and tailwind css.
- Designed and implemented a robust design system and reusable component library using **Storybook**, enabling consistent UI/UX and accelerating team-wide development.
- Architected and shipped full-featured platforms including:
  - **Customer Web App**: dynamic service listings, real-time booking and scheduling, quote requests, timezone-aware interfaces, and localized i18n.
  - **Business Owner Dashboard**: real-time chat, service request handling, analytics, and availability management.
  - **Admin Panel**: full CRUD ops, moderation tools, user analytics, and operations management.
- Integrated SEO optimization strategies (meta tags, structured data, server hints) and improved Core Web Vitals—driving significant growth in organic reach.
- Implemented state-based dynamic data fetching and intelligent caching using **React Query** for improved performance and reduced backend strain.
- Built robust UI test automation using **Playwright**, ensuring stability and consistency across critical workflows.
- Integrated analytics and monitoring tools like PostHog and Sentry to capture user behavior and surface issues early in production. Ensured seamless deployment via CI/CD workflows and contributed to code quality through rigorous code reviews and type-safe architecture.

Senior Software Engineer, Cerebry – Remote (Singapore)   Feb 2023 – Aug 2023
- Improved UI/UX, reducing user friction by 15% and boosting task completion by 10%.
- Mentored 3 junior developers, ensuring production-level output.
- Participated in hiring 3 top candidates from 20+ interviews.

Junior Software Engineer, ICS – Ahmedabad, India   Oct 2021 – Feb 2023
- Worked across frontend (React/Next) and backend (NodeJS, MongoDB) using test-driven development.
- Led projects like Revolt-Summit, Hirefast, and Revolt-DTC.
- Contributed to Nike's codebase with 100% test coverage for utility functions.
- Scaled Revolt Summit API to handle 8.7M requests in 48h and 15k users daily.
- Built smart contracts in Solidity for BSC and Hedera Hashgraph.

Projects

Revolt Ecosystem   2021 – 2023
- Developed APIs and UI for a 5-app ecosystem including OTT (DTC), event (Summit), and NFT (Creator).
- Managed up to 8.7M API calls in 48h with 15k+ new users/day.
- Tech stack: NodeJS, MongoDB, TypeScript, CMS, blockchain.

Zubloc (NFT Marketplace)   2022
- Built NFT platform supporting Hedera and BSC.
- Achieved low gas fees and fast minting at 10k TCP performance.

Hirefast   2022
- Built hiring system with Google Meet/Zoom scheduling, MCQs, and code tests.
- Handled 300+ interviews and 1,000+ questions with just 1.2 GB RAM.

Technologies

Frontend: ReactJS, NextJS, JavaScript, TypeScript, HTML, CSS, SCSS
Backend: NodeJS, ExpressJS, NestJS, KeystoneJS, AdminBro, Python, Django
Blockchain: Solidity, Web3.js, Binance Smart Chain (BSC), Hedera Hashgraph
Databases: MongoDB, PostgreSQL, GraphQL
Frameworks & UI: Tailwind CSS, Material UI, Bootstrap
Tools: Docker, Git, GitHub, GitLab, Remix, JIRA