

# Milan Katira

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## WORK EXPERIENCE

### Instaservice | SENIOR SOFTWARE ENGINEER

Remote (USA) | Aug 2023 – Present

- Led frontend development for Instaservice.com and admin portal using **TypeScript**, **React**, **React Query**, and **Tailwind**
- Built reusable design system in **Storybook** for consistent UI/UX
- Engineered booking flows with dynamic calendar, timezone support, and payment edge-case handling
- Developed real-time features: chat, GPS tracking, dynamic pricing, and referral system
- Automated CI/CD pipeline with **Prettier**, **ESLint**, and **TypeScript** ensuring production-quality builds
- Integrated monitoring and analytics using **PostHog** and **Sentry**

### Cerebry | SENIOR SOFTWARE ENGINEER

Remote (Singapore) | Feb 2023 – Aug 2023

- Built scalable UI for AI edtech platform using **React**, **Preact**, and **SCSS**, serving 20k+ weekly users
- Improved UX through advanced charting and design collaboration, reducing friction by 15% and increasing task completion by 10%
- Integrated **Google Analytics** and **Tag Manager** for engagement tracking
- Mentored 3 junior developers and delivered production features via CI/CD
- Conducted technical interviews for 20+ candidates, onboarding 3 successful hires

### ICS | JUNIOR SOFTWARE ENGINEER

Ahmedabad, India | Oct 2021 – Feb 2023

- Developed full-stack applications using **ReactJS**, **Next.js**, **NodeJS**, and **MongoDB** with TDD approach
- Designed REST APIs and scalable database models for production systems
- Engineered backend handling **8.7M API requests in 48h**, supporting 15k+ daily users with Redis caching
- Built interview platform with Google Meet/Zoom integration and assessments, optimized to <1.2GB RAM for 300+ sessions
- Integrated **Contentful CMS**, **Customer.io**, and **JW Player API** for content management
- Collaborated on **Solidity** smart contracts deployed to **BSC** and **Hedera Hashgraph**

## PROJECTS

### PING PANDA

NEXT.JS, PRISMA, NODE.JS, TYPESCRIPT, STRIPE API, POSTGRESQL, DISCORD API

SaaS platform for real-time event alerts (sales, errors, sign-ups) to Discord with dashboard and Stripe billing

### SHIPRIGHT

NEXT.JS, REACT, TYPESCRIPT, TAILWIND CSS, CLERK, PRISMA, MONGODB

Feature-voting platform with real-time analytics and responsive UI for prioritizing user feedback

### FEEDSPARK

NEXT.JS 14, TYPESCRIPT, TAILWIND CSS, SHADCN UI, PRISMA, MONGODB, ZOD, REACT

Feedback analytics system with surveys, sentiment analysis, NPS tracking, and multi-channel automations

### UPTIME

TURBOREPO, NEXT.JS 15, TYPESCRIPT, PRISMA, MONGODB, REDIS, BULLMQ, CHART.JS

Monitoring tool with uptime checks, alerting, and public status pages using Redis + BullMQ workers

## SKILLS

**Frontend:** JavaScript, TypeScript, ReactJS, NextJS, HTML, CSS, SCSS

**Backend:** NodeJS, ExpressJS, NestJS, GraphQL, Python, Django

**Blockchain:** Solidity, Web3.js, Binance Smart Chain (BSC), Hedera Hashgraph

**Databases:** MongoDB, PostgreSQL

**UI Frameworks:** Tailwind CSS, Material UI, Bootstrap

**Tools:** Docker, Git, GitHub, GitLab, JIRA, Remix

## EDUCATION

B.E. Mechanical Engineering – VVP Engineering College (2018–2021)

Diploma in Mechanical Engineering – Government Polytechnic College (2015–2018)