

# Milan Katira

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## WORK EXPERIENCE

### Instaservice | SENIOR SOFTWARE ENGINEER

Remote (USA) | Aug 2023 – Present

- Led frontend development of Instaservice.com and bo.instaservice.com using **TypeScript**, **React**, **React Query**, and **Tailwind CSS**, in collaboration with a junior developer.
- Designed and maintained a scalable design system and reusable component library using **Storybook** to ensure consistent UI/UX across the platform.
- Engineered advanced booking experiences, including:
  - Smart calendar UI: 7-day dynamic view with slot rendering, blocked dates, and timezone-aware scheduling.
  - On-demand booking, rescheduling, provider selection, and quote requests for large projects.
  - Recurring bookings with robust payment edge-case handling: retries, failures, and fallback states.
- Built **real-time chat and live GPS-based tracking** to enhance user engagement during service sessions.
- Implemented dynamic location-based pricing and a refer & earn program to support targeted growth.

### Cerebry | SENIOR SOFTWARE ENGINEER

Remote (Singapore) | Feb 2023 – Aug 2023

- Built scalable UI for AI-powered edtech platform serving **20k+ students/week** using React, Preact, SCSS.
- Integrated **analytics charts (e.g. NPS, learning path)** and deep-linked dashboards.
- Improved UX: 15% friction reduction, 10% higher task completion.
- Mentored 3 junior developers and deployed production-grade features.

### ICS | JUNIOR SOFTWARE ENGINEER

Ahmedabad, India | Oct 2021 – Feb 2023

- Shipped full-stack products including a hip-hop community event management platform deployed across 5 platforms, with **REST APIs built using Next.js, Node.js, MongoDB, and GraphQL**.
- Scaled backend to support **8.7M API requests in 48h** and 15k+ DAUs with **Redis caching layers**.
- Built an interview platform with video calls, MCQs, and coding tests (1.2GB RAM, 300+ sessions) < 1.2GB RAM usage on server.
- Collaborated on smart contracts for **BSC** and **Hedera Hashgraph**.
- Integrated **Contentful CMS**, **Customer.io**, and **JW Player API** for app automation.

## PROJECTS

### PING PANDA

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

A modern SaaS that sends real-time event alerts (sales, errors, sign-ups) to Discord. Includes dashboard, Stripe PRO, and API integrations.

### SHIPRIGHT

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

Feature-voting platform with real-time analytics, customizable themes, and a responsive UI for prioritizing user feedback.

### FEEDSPARK

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

QUERY

Feedback analytics platform featuring surveys, previews, sentiment insights, NPS, and multi-channel automations (Slack, Email, Discord).

### UPTIME

TURBOREPO, NEXT.JS 15, TYPESCRIPT, TAILWIND CSS, PRISMA, MONGODB, REDIS, BULLMQ,

CHART.JS, CLERK

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

## SKILLS

**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