

Chetan Jain

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SUMMARY

A mobile and web frontend developer with more than 3.5 of experience working on consumer-based products, writing industry-grade code. My expertise in React, React Native, and Next.js has resulted in significant cost and SEO optimizations. I've led key initiatives in performance improvement, core web vitals enhancement, and efficient integrations, consistently delivering measurable results for high-traffic consumer applications.

WORK EXPERIENCE

SPINNY | SOFTWARE DEVELOPMENT ENGINEER 2 - FRONTEND

Gurgaon, IN | April 2023 – Present

- **Optimized Spinny Pay React Native app**, reducing operational costs in Spinny Hubs by over 20% for employees.
- **Enhanced server efficiency** by migrating to Fastify, reducing MongoDB call load, and streamlining logs, resulting in significant cost savings.
- **Achieved 44% reduction in bundle size (320kb to 180kb)** through advanced techniques like SSR code splitting, dynamic tree shaking, and targeted polyfills.
- **Optimized build process efficiency** for Consumer Website, slashing build time **from 30 minutes to 6 minutes**.
- **Significantly improved Core Web Vitals:** Reduced INP from 750ms to 320ms(60%), CLS from 0.45 to 0.01, and reduced TBT and client-side memory usage.
- **Improved Search Engine Optimization(SEO)** by introducing Schema based SSR and revamping Homepage and Neutral Page(Marketing only) on Spinny Consumer Website.

UNOLO | FRONT END DEVELOPER

Gurgaon, IN | Feb 2022 - March 2023

- Led full-scale migration from EJS Templates and client-side Vanilla/React to **NextJS** with Server Side Rendering, improving Core Web Vitals FCP from **6-10s to 2-3s**.
- Optimized page load cost and improved user experience by implementing SSR on high-traffic pages and optimizing bundle splitting, reducing main bundle size from **1.9MB to <800KB(over 70%)**.
- **Reduced Cost by 15%** from transitioning from Google Maps to MapMyIndia for location services.
- Developed a robust authentication framework using cookie-based sessions, resulting in a **20% decrease in unauthorized access issues**.
- Created a **Progressive Web App** for Unolo Admin, improving user engagement and accessibility for 2000+ users.

BLOGS

- **Express vs Fastify: A performance Comparison:**
<https://jain-chetan.medium.com/express-vs-fastify-a-performace-comparison-1b0930869530>.
- **Webpack Performance Tuning: Minimizing Bundling Times for Large Projects:**
<https://dev.to/jainchetan81/webpack-performance-tuning-minimizing-build-times-for-large-projects-1e3c>.

EDUCATION

BTech + MTech. Dual degree

Sec-62, Noida | Feb 2021

JAYPEE INSTITUTE OF INFORMATION & TECHNOLOGY

PROJECTS

DYNAMIC FORM

NEXTJS, TAILWIND, TYPESCRIPT, TRPC, PRISMA, MYSQL

A clone of Google Forms <https://github.com/jainChetan81/examples>.

SKILLS

Languages: Javascript, TypeScript, CSS, SASS, HTML, SQL, Git

Frontend: React.Js, React Native, Redux, NextJs, Webpack, Vite, Progressive Web App(PWA)

Backend: Node.js, MongoDB, Express, Fastify, SQL, RestFul API's