Chetan Jain

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SUMMARY

Dynamic front-end developer with over **3 and a half years** of experience in creating and optimizing high-impact digital solutions. Proven ability to drive cost savings and enhance performance through strategic technology implementations and performance enhancements. Expert in leading initiatives to improve Core Web Vitals, streamline processes, and implement scalable integrations for high-traffic applications.

WORK EXPERIENCE

SPINNY | SOFTWARE DEVELOPMENT ENGINEER 2 - FRONTEND   Gurgaon, IN | April 2023 – Present

- **Reduced operational costs by 20%** through targeted optimizations in the Spinny Pay React Native app.
- **Increased server performance by 10x** (from 1,520 to 14,716 RPM) through the migration to Fastify, optimization of MongoDB queries, and streamlining of log processes.
- **Decreased bundle size by 44%** (from 320KB to 180KB) using advanced techniques like SSR code splitting, dynamic tree shaking, and targeted polyfills.
- **Accelerated build times by 80%**, reducing from 30 minutes to 6 minutes, which streamlined development workflows and sped up release cycles.
- **Boosted Core Web Vitals** with reduction in INP (750ms to 320ms) and improved CLS (from 0.45 to 0.01), alongside optimizations in TBT and client-side memory usage.
- **Improved SEO** through Schema-based SSR and a complete revamp of the Homepage and Neutral Page.

UNOLO | FRONT END DEVELOPER   Gurgaon, IN | Feb 2022 - March 2023

- Led a successful migration from vanilla js and CRA to Next.js with SSR, improving initial load from 6-10s to 2-3s, reducing bounce rate by over 10%.
- **Optimized bundle size by 58%**, reducing the main bundle size from 1.9MB to <800KB, decreasing load times.
- **Achieved a 15% cost reduction** by transitioning from Google Maps to MapMyIndia, optimizing resource allocation.
- **Introduced client-side caching**, resulting in a 25% reduction in server calls and improving overall application efficiency.
- **Developed Progressive Web Apps (PWAs) for 80% of customers**, including a notable implementation for Unolo Admin, which increased engagement for over 2,000 users by providing a seamless offline experience and enhancing overall performance and reliability.

BLOGS

- Express vs Fastify: A performance Comparison: (link)
- Webpack Performance Tuning: Minimizing Bundling Times for Large Projects: (link)

EDUCATION

BTech + MTech. Dual degree   Sec-62, Noida | Feb 2021
JAYPEE INSTITUTE OF INFORMATION & TECHNOLOGY

PROJECTS

DYNAMIC FORM BUILDER ↗   NextJS, Tailwind, Typescript, tRPC, Prisma, MySql
https://github.com/jainChetan81/examples.

SKILLS

Language & Tools HTML, CSS, JavaScript(JS), React, Next.js, Version Control (e.g., Git), Progressive Web Apps (PWAs)
Hard Skills: Web Performance Optimization (WPO), Front-end Search Engine Optimization (SEO), DOM Manipulation
Soft Skills: Time Management, Communication, Adaptability, Problem-Solving, Teamwork, Creativity, Leadership, Interpersonal Skills.