Chetan Jain

jain.cj.chetan@gmail.com | 8700776723 | linkedIn/jainchetan81 | github/jainChetan81

WORK EXPERIENCE

SPINNY | Software Development Engineer 2 - Frontend   Gurgaon, IN | April 2023 – Present

- **Implemented Cost optimization** in Payments(**React Native**) App Spinny Pay, reducing expenditure in Spinny Hubs by over **20 percent** for Spinny employees.
- **Optimized Server Cost** by reducing server load by migrating to Fastify and reduced cost of MongoDB calls and reducing logs.
- **Optimized bundle size** by **44 percent**, decreasing it from **320kb** to **180kb**. Optimization techniques included **code splitting during SSR**, **dynamic tree shaking**, and targeted **polyfills** to eliminate dead browser support.
- **Optimized build process**, for Consumer Website built using React, Redux, Webpack, resulting in a dramatic reduction in build time **from 30 minutes to approximately 6 minutes**.
- Significantly improved **Core Web Vitals** metrics. Enhanced Interaction to Next Paint **(INP)** from **750ms (very poor)** to 400ms (intermediate) and reduced Cumulative Layout Shift **(CLS) from 0.45 (very poor) to 0.01 (very good)**, and reducing Blocking time**(TBT)** and client side memory usage.
- **Led initiative** to revamp Homepage and Neutral Page(Marketing only) for Spinny consumer website.

UNOLO | Front End Developer   Gurgaon, IN | Feb 2022 - March 2023

- Orchestrated full-scale migration and refactoring of website from EJS Templates + Client side Vanilla and **React** to **NextJS** with Server Side Rendering which improved Core Web Vitals **FCP from 6-8s to 2-3s**.
- **Optimized Page load** and User Experience by implementing **SSR** in popular pages for faster rendering and Split bundles by page on server reducing main bundle from **1.9 mb to <800kb**.
- **Reduced Cost** by migrating from Google Maps to MapMyIndia
- Implemented Intergrations with HRMS softwares like GREYTHR, ZOHO etc.
- Engineered an authentication framework utilizing cookie-based sessions, enhancing security protocols which resulted in a **20 percent decrease in unauthorized access issues**.
- Created **Progressive Web App** with Unolo web app for mobile users.

BLOGS

- Express vs Fastify: A performance Comparison:
  https://jain-chetan.medium.com/express-vs-fastify-a-performace-comparison-1b0930869530.
- Webpack Performance Tuning: Minimizing Build 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
Frontend Development: React.Js, React Native, Redux, NextJs, Remix, Core Web Vitals, Webpack, Rspack, Vite
Backend Development: Node.js, MongoDB, Express, Fastify, SQL