

# Chetan Jain

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## WORK EXPERIENCE

### SPINNY | SOFTWARE DEVELOPMENT ENGINEER 2

Gurgaon, IN | April 2023 – Present

- **Optimized build process**, resulting in a dramatic reduction in build time from **16-18** minutes to approximately **3** minutes. This was achieved through streamlining build process, implementation of faster rust based tooling like moving from **babel** to **SWC** and **webpack** to **rspack**, and file-based caching strategies for bundler.
- **Reduced bundle size** by **44 percent**, decreasing it from **320kb** to **180kb**. Optimization techniques included strategic code splitting, better tree shaking, and targeted updates to polyfills to eliminate dead browser support.
- 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.
- Revamped Homepage, Neutral page, and several other Components along with fixing various production bugs

### UNOLO | FRONT END DEVELOPER

Gurgaon, IN | Feb 2022 - March 2023

- Migrated and rewrote complete websites from EJS Templates + Client side Vanilla and **React** to **NextJS** with Server Side Rendering which reduces FCP from 6-8s to 2-3s.
- Implemented **SSR** in popular pages for faster rendering and Split bundles by page on server reducing main bundle from **1.9 mb** to **800kb**.
- Integrated safe and **secure** authentication using **cookies**.

## BLOGS

Express vs Fastify: A performance Comparison

## EDUCATION

### BTech + MTech. Dual degree in Electronics and Communication

Sec-62, Noida | Feb 2021

JAYPEE INSTITUTE OF INFORMATION & TECHNOLOGY

## PROJECTS

### DYNAMIC FORM [↗](#)

NEXTJS, TYPESCRIPT, TRPC, PRISMA, MYSQL

- A clone of Google Forms where users can create interactive forms with multiple question types and answers
- Heavily leaning on complete type safety from Front to Back **Github**

### PORTFOLIO [↗](#)

NEXTJS, TYPESCRIPT, TAILWIND

Personal portfolio highlighting various projects and achievements

## SKILLS

**Languages:** Javascript, CSS, HTML, SQL

**Frontend Development:** React, TypeScript, NextJs, Remix, Core Web Vitals, Webpack, Rspack, Vite

**Backend Development:** Node, TypeScript, Express, Fastify, Prisma, SQL