Jesal D. Thakur

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Career Profile

Frontend Developer with 1.5+ years of experience crafting high-performance, scalable web applications using modern frameworks like Nextjs14 and Typescript.

Skills

Frontend: JavaScript, Reactjs, Redux, Zustand, TanStack Query, Nextjs14, Typescript, TailwindCSS
Backend: Nodejs, Expressjs, Typescript
Databases: Mongodb

Work Experience

Junior Software Engineer   *Concetto Labs*   *Jan 2024 - Present*

- Developed reusable React components that improved code efficiency and enhanced long-term maintainability across multiple projects, resulting in a 30% reduction in development time for new features.
- Optimized API integration with React TanStack Query, enhancing application performance and providing more efficient data fetching, caching, and synchronization.
- Enhanced memory management by integrating automated data resets in the React TanStack Query for Jobalots, reducing memory usage by up to 25% and periodically freeing up resources to improve overall application performance.
- Optimized image loading in Elitechem by leveraging built-in image optimization techniques, contributing to faster page loads and better Core Web Vitals performance.
- Deployed applications to live servers for production use in Elitechem, ensuring seamless user access and system stability.
- Improved SEO and user experience for Jobalots by adding schema markup to product pages and developing a dynamic, category-wise sitemap, resulting in better search visibility and a 70% reduction in sitemap load time.
- Optimized the main product listing page on Bargainfox, by implementing dynamic pagination, scroll position restoration, and performance optimizations, resulting in a 35% reduction in page load time.

Personal Projects

StoreIt (Nextjs, Typescript, Appwrite)   Link to Demo

- Developed StoreIt, a cloud-based file management web app. Designed 5 categorized pages (Dashboard, Documents, Media, Images, Other) for streamlined file organization.
- Each user gets 200MB of storage and can share up to 5 files with full control over file actions. Implemented core features: rename, view details, share, delete, and download.

Education

2019 - 2023	Bachelor's Degree at **Saffrony Institute of Technology**	(CPI: 7.39/10.0)
2018 - 2019	Class 12th GSEB at **M. G. School of science**	(79.82 PR)
2016 - 2017	Class 10th GSEB at **Divine Life International School**	(95.17 PR)