

Sanket Patrikar

Software Engineer

Nagpur, Maharashtra

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SKILLS

Languages — HTML, CSS , JavaScript / TypeScript, SQL

Frameworks & Libraries — React, React Query, TanStack Start, Vite, NodeJS, PostgreSQL,

Tools — Git, Docker

Experience

Kizora Software Pvt. Ltd.

Software Engineer — September 2023 - Present

- Migrated a React app from Webpack to Vite to speed up build times from 15 min to 10 seconds.
- Implemented lazy loading to reduce the amount of code a page needs to fetch, improving page load times across the site.
- Reduced build size from 35MB to 15MB.
- Upgraded React 15 to 18, refactoring core class components to hooks and modernizing core modules.
- Updated the Node version from v8 to v24 LTS, updated packages to latest versions, and fixed breakages to ensure compatibility.
- Migrated React Router v4 to v7, building a custom HOC to bridge class and function components during transition.
- Load tested backend modules with JMeter; identified concurrency limits that were later improved, with parts moving to a reader instance.
- Optimized high-frequency SQL queries for scheduled reports, reducing execution time from 3 seconds to 500ms through index tuning and query rewrites.

EDUCATION

Bachelor's of Engineering in IT

KDK College of Engineering, Nagpur — August 2019 - May 2023