Divyam Singh

Software Engineer

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Work Experience

FIDELITY INVESTMENTS | Software Engineer

Aug 2019 - Aug 2022 | Bengaluru , India

➔ Worked on improving web performance of application used 90-100k US Retirees.Introduced React Query for optimized data fetching, caching, and state management reduced API calls by 50% through effective use of caching and background refetching.

➔ More work related to ARIA spec and roles for UI components, ensuring keyboard navigation and screen reader compatibility for old people , route-based code splitting and lazy loading images with WebP format.

➔ Integrated a comprehensive metrics dashboard for the API platform with ApexCharts.js for dynamic and interactive data visualization increasing adoption rate of the dashboard by 75% among technical and non-technical stakeholders .

➔ Architected and developed a full-stack internal coding platform for company-wide programming contests, using React, Golang, and Postgres. Implemented secure authentication with OAuth 2.0, real-time code execution in Docker containers, and live leaderboards.

➔ Continuously worked to deliver a properly tested and quality product which met the customer needs.

➔ I have 3+ years of experience on working in an agile environment and collaborating with multiple squads across multiple sites, UI/UX designers, architects and stakeholders.

FREELANCING & OPEN SOURCE |

Aug 2023 - present

➔ Contributed to multiple open-source projects,currently maintaining Authjs middleware for honojs.

➔ Developed a comprehensive React UI component library **TW Material** based on Material You specs, utilizing Tailwind CSS and React Aria for accessibility. Implemented Storybook integration with interactive documentation, visual regression testing, and theme customization, resulting in 40% faster development time.

Opensource Projects

TELDRIVE | React | Golang | Postgres | Typescript
Github Link

➔ Architected a sophisticated cloud storage solution leveraging Telegram's API, amassing 1.6k+ GitHub stars.

➔ Implemented a robust front-end using React, TypeScript, and Redux for state management.Developed a complex file manager with features like drag-and-drop, multi-select, and breadcrumb navigation.

➔ Implemented advanced features including chunked file streaming, file encryption, and customizable sharing options.

FEAXIOS | React | Typescript

➔ Tiny 2KB fetch library to replace axios with timeouts and interceptors support.

➔ With a size of less than 1/5th of Axios, feaxios is an efficient choice for projects with strict size constraints works of edge , browser , deno and bun.

Education

NIT ALLAHABAD(MNNIT)

B.tech in Information Technology

Jul 2015–May 2019 | Allahabad (Prayagraj), U.P

Skills

PROGRAMMING

Proficient:
JavaScript/Typescript • Python Golang • CSS

Experienced:
C# • C++

LIBRARIES/FRAMEWORKS

React/Next/Remix.js • Node.js • Flask • Redux • React Query

TOOLS/PLATFORMS

Docker • Kubernetes • Webpack •Postgres •Vite

Achievements and Reponsbilities

• Received You've earned it Award for collaboration and Team Work in employee recognition awards in 2022.

• Successfully organized and executed a company-wide coding competition engaging 200+ participants across multiple departments.

• Teldrive made it to github trending repository of the day.