Abhijeet Sharma

Software Engineer

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WORK EXPERIENCE

Software Engineer
Eder Labs

06/2023 - 01/2024   *Bengaluru*

Roles

- Led the migration from Vue.js to React Native.
- Leveraged Lighthouse audits to enhance UI performance and implement new responsive designs in React Native, achieving a reduction in First Contentful Paint (FCP) from 4 seconds to 2.4 seconds and an improvement in Largest Contentful Paint (LCP) from 6 seconds to 3.9 seconds by optimizing image loading and streamlining CSS.
- Improved Time to Interactive (TTI) by 50% and decreased Total Blocking Time (TBT) by 60% through code splitting, deferring non-critical JavaScript.
- Revamped the entire UI with new, responsive designs in React, ensuring near-zero Cumulative Layout Shift (CLS) by adhering to best practices for layout stability and optimizing asset loading.
- Hand-Coded the embedded stylesheets into 10+ React interfaces and reduced load time by 60%.
- Maintained a flawless track record by resolving 100% of reported bugs in production, ensuring a reliable user experience.

Software Engineer
314e Corporation

07/2021 - 05/2023   *Bengaluru*

Roles

- Played a key role in the design and development of an advanced Applicant Tracking System (ATS) and Customer Relationship Management (CRM) product using React. Implementing 10+ new features.
- Implemented functional components in React and streamlined CSS based on wireframes and UI/UX guidelines, contributing to a cleaner and more efficient codebase
- Wrote 70+ comprehensive unit test cases for the UI, which increased coverage by 40%.
- Independently integrated essential components such as APIs, Auth0 authentication, Redux, and critical libraries, enhancing functionality and security measures.
- Actively participated in bug fixing endeavors, achieving approximately 8% monthly reduction in user-reported bugs.

EDUCATION

Bachelor in Technology
The LNM Institute of Information Technology

2015 - 2019   *Jaipur*

Higher Secondary in Science
Shiksha High School

2014   *Bikaner*

SKILLS

React Vue.js React Native Typescript Javascript Redux TanStack Query Node.js Express.js HTML/CSS Tailwind CSS Kea.js MongoDB GIT Next.js

PROJECTS

Chat Web App

- Implemented JWT (JSON Web Tokens) for secure authentication and authorization. JWT tokens were generated upon login, containing user details and permissions. These tokens were validated on the server to grant access to protected areas and services, with mechanisms for token expiration and refresh for security and user convenience.
- Real-time messaging was enabled using Socket.io, allowing instant communication between clients and the server.
- Online user status tracking with Socket.io and React Context
- Comprehensive error handling was implemented on both server and client sides. Server-side, middleware and error handling routines managed various errors like validation issues and external service errors. Client-side, React's error boundaries and global handlers ensured graceful error handling, preventing crashes and providing users with clear error messages.

314e Internal Product Management and Development

- Managed the internal product lifecycle from inception to implementation, utilizing React.js, TypeScript, and Redux
- Upgraded React.js from version 17 to version 18 to leverage new features and enhancements. Upgraded Kea library from version 2 to version 3 for improved state management and functionality.
- Conducted thorough testing post-upgrade to validate the compatibility and stability of the upgraded libraries with existing features and functionalities.

CERTIFICATIONS

React v8 , Frontedend Masters

Advanced Redux with Redux Toolkit, Frontend Masters

Enterprise UI Development: Testing & Code Quality, Frontend Masters

INTERESTS

Music History Reading Gaming