Waquar Mahboob

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Summary

Software Engineer with over 4 years of hands-on experience specializing in front-end technologies, including **React.js** and **Next.js**. Proficient in **JavaScript**, with a proven track record of optimizing website performance, enhancing user interfaces, and automating development workflows. Strong problem-solving skills and a passion for building seamless, responsive, and dynamic web applications. Adept at collaborating with cross-functional teams, creating custom components, and ensuring high-quality code. Seeking to leverage expertise in **React.js** and **Next.js** to contribute to a dynamic team as a Full-Time Front-End Developer.

Skills

- **Programming Languages:** JavaScript (including ES6+), TypeScript
- **Web Technologies:** HTML5, CSS (including SCSS), Bootstrap, Material Design (MUI), Tailwind
- **Frameworks/Libraries:** React, Next.js, Redux, React Query
- **Version Control:** Git
- **Other Tools:** JIRA, NPM, Yarn, Webpack, Babel, ESlint, Prettier, i18n, Socket.io, GraphQl, Electron, OAuth2, JSON Web Token
- **Additional Expertise:** Lighthouse, JSON, Google Tag Manager, WebEngage, Software Efficiency, Code Refactoring, Web Security and Performance Optimization
- **Testing:** Jest, React Testing Library and Unit Testing.

Experience

Software Development Engineer
Eazydiner
Jan 2023 – Present

- Led the migration of **EazyDiner's** website to **Next.js**, achieving significant performance gains and delivering a seamless user experience.
- Enhanced the functionality of the **website** and **mobile site** by developing robust, user-friendly features to improve the overall user experience.
- Built custom components from scratch, including accordions, dropdowns, and carousels, without relying on external libraries to ensure lightweight and efficient codebases.
- Added comprehensive unit and integration tests for key UI components and dynamic features using **Jest** and **React Testing Library**, improving codebase reliability and reducing bugs by **75%**.
- Integrated **WebEngage** events for tracking critical user interactions such as payment success, page views, logins, and more, ensuring comprehensive user behavior analytics.
- Improved the performance of eazydiner.com , (written in Next.js) from 65% to 90% by implementing techniques such as **code splitting**, **cumulative layout shift correction**, **parallel data fetching** and **server-side rendering**.

- Increased website routing speed by **70%** by implementing optimized **server-side rendering** techniques, reducing load times and enhancing overall frontend performance.
- Improved slot fetching performance by **80%**, utilizing **parallel data fetching** and **server-side rendering** to deliver faster page responses.
- Enhanced booking speed by **80%** through refined frontend interactions and efficient use of **server-side rendering**, ensuring smooth user experiences.
- Achieved an **85%** improvement in payment processing speed by optimizing **client-side** and **server-side** integration, reducing delays, and enhancing data flow between the frontend and backend.
- Improved **SEO rankings** and increased organic traffic by optimizing website structure**,** meta tags and content for better search engine visibility.

Junior Software Developer

Sofyrus Technologies
Feb 2020 – Sep 2022

- Engineered high-caliber **automation solutions** using **Electron.js**, **RPA**, and **Robot Framework** to streamline web and PDF form filling processes, ensuring efficient data handling from sources such as Excel files.
- Designed and implemented a system for mapping web form fields to data sources, automating the process and ensuring accuracy in form population.
- Developed PDF form automation, utilizing **PDF-LIB** to generate filled PDFs from predefined data sources, improving operational efficiency.
- Built **Robonito**, a **no-code platform** that allows users to automate testing through intuitive clicks and drags, simplifying test creation and execution.
- Developed the **Robonito Chrome Extension** using **JavaScript** and **Nest.js**, automating data capture and storage processes, streamlining workflows for users.
- Designed and implemented backend solutions using **Nest.js** to store and manage the captured data from the Chrome extension, improving data handling and accessibility.

Education

Aligarh Muslim University

Bachelor of Science - Computer Application
Aug 2018 – June 2021