Ravi Ranjan Jha

rjha4743@gmail.com | +91 9971135107 | rrjportfolio.netlify.app

https://linkedin.com/in/ravi-ranjan-jha-7860231a2 | https://github.com/ravibpibs

Professional Summary

React.js and Next.js Developer with 3 years of experience in building high-performance, scalable web applications. Skilled in JavaScript, TypeScript, HTML, CSS and Redux for state management.

Technical Skills

Languages: JavaScript, TypeScript, Python, C++, C

Frontend Technologies: React.js, Next.js, Redux, Redux-Toolkit, Material-UI, Tailwind CSS, Bootstrap, Ant Design (AntD), HTML5, CSS3, SASS, JavaScript (ES6/ES7+), React Testing Library, Jest, Axios, GraphQL, Git, Cypress

Backend Technologies: Node.js, Express, MongoDB, RESTful APIs

Tools and Version Control: Git, GitHub, Postman, Webpack, Babel

Experience

Software Engineer (React), Kodehash Technologies Private Limited – Gurgaon, IN   August 2023 – Present

- Reduced page load time by 75% by optimizing **React component rendering** through **memoization**, **caching strategies**, and deploying a **predictive algorithm** for user data fetching.
- Adopted **SSR** with **Next.js**, improving **SEO rankings** by 30%, reducing page load times by 40%, and increasing organic traffic by 20%, enhancing user experience and performance.
- Optimized application performance in **React** by utilizing **useCallback**, **useMemo**, and **lazy loading** techniques, reducing unnecessary renders by **30%** and improving **load times** by **40%**, resulting in a more responsive and efficient user experience.
- Engineered custom **form components** (input fields, checkboxes, radio buttons, and dropdowns), improving **UI consistency** and **flexibility** across the application, resulting in a **25% reduction in development time** and seamless integration with existing **React components**.
- Designed a **custom hook** for managing dynamic forms in **React**, reducing **boilerplate code** by **40%** and improving **scalability** and **reusability** across components.
- Utilized **React Suspense** and **Lazy Loading** to split bundles and optimize application loading, reducing initial load time by 50% and improving overall performance.

Full Stack Developer, MerkleTree Private Limited – Noida, IN   November 2021 – May 2023

- Developed a reusable **modal component** using **React hooks** and **Redux Toolkit slice**, enabling efficient **state management** through **dispatch actions**. This approach reduced **prop drilling** by 50%, significantly improving **development efficiency** and **maintainability**.
- Built a dynamic **data visualization tool** with **React** and **Chart.js**, enhancing rendering performance by **40%** through **optimized updates** and efficient data handling, resulting in faster data rendering and improved user experience with large datasets.
- Enhanced performance in large-scale **React applications** by implementing **Virtualization** with **react-window** and **react-virtualized**, reducing **render time** by **50%** and improving **memory efficiency**.
- Integrated dynamic search functionality into a **React-based application**, extracting and indexing **metadata** from user interactions, resulting in a 30% faster search response time and a 20% increase in search accuracy.
- Refactored legacy **React codebase** to **TypeScript**, improving **type safety**, reducing bugs by **30%**, and boosting **developer productivity** by **25%**.

Education

Master of Computer Applications (MCA), GGSIPU, Delhi   July 2018 – May 2021

- **Score:** 80%

Certifications

MERN Stack (Certification from Udemy)   July 2021
Certificate ID: UC-4c6357cb-cbe7-43e2-b0c3-b72a75ed03e2

Algorithm Toolbox (Certification from Coursera)   July 2020
Certificate ID: 6CZLQGJ5W79A