HARSH RAJ

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Objective

Detail-oriented React Developer with 2 years of experience specializing in React, Typescript, and front-end development. Skilled in state management, progressive web apps, and dynamic data visualization. Seeking to leverage technical expertise and collaborative experience to enhance software solutions and user experiences in a dynamic team environment.

Experience

314e Corporation   **January 2022 – Present**
Software Development Engineer (Intern + FTE)

- Worked on ***PenKnife***, an ATS + CRM software for staffing agencies to foster collaborations among people employee, contacts and candidates.
- Developed reusable components using **React** and **Typescript** with **Ant Design**, enhancing UI consistency.
- Utilized **Redux** and **React Query** for state and data management, improving code organization and application performance.
- Implemented data importing, task management, and workflow automation features, collaborating with server and product teams to enhance functionality and streamline operations.
- Created dynamic charts with **Ant Design** for improved data visualization.
- Optimized web applications using advanced JavaScript concurrency models, **Promises**, **async/await**, and **Web Workers**.
- Integrated Grafana Faro for comprehensive **front-end monitoring**, providing **detailed analytics** and front-end logs to **improve performance** and **facilitate debugging**.
- Transformed applications into **Progressive Web Apps** using **Workbox Service Worker**, enhancing **offline** capabilities.
- Wrote comprehensive **unit tests** with **Jest** and **e2e tests** with **Ulixee**, ensuring code stability and quality.
- Implemented **responsive UIs** and resolved bugs, improving user experience and **application stability**.
- Collaborated with a team of 4 developers using **GitHub** for version control and project management.

Skills

Languages: JavaScript, TypeScript, Python
Framework/Libraries: React, Next.js, Ant Design, Jest, Ulixee, Redux
Tools: VS Code, GitHub
Relevant Courses: Data Structures, Design and Analysis of Algorithm, Operating System, Database Management

Education

National Institute of Technology, Patna   **Aug 2018 – May 2022**
Bachelor of Technology in Computer Science and Engineering   *CGPA : 8.34/10.0*

Projects

FunZone | *[Github]* | *[Web]*

- Developed a **Flutter** web application featuring offline puzzle games such as Connect 4, Solitaire, Tic-Tac-Toe, Minesweeper, and Fifteen.
- Designed an intuitive user interface for seamless navigation and gameplay.
- Implemented game logic using **Dart**, ensuring functionality and challenge.

Achievements

- Specialist at *Codeforces* (Rating - 1457) | Solved over 180+ problems [Profile].

- 3* on *Codechef* [Profile].

- Solved over 230+ questions on *LeetCode* [Profile].