NISHI PRIYA

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PROFILE SUMMARY

Frontend Developer with 3 years of experience, specializing in building interactive user interfaces and single-page applications using ReactJS. Proficient in performance optimization techniques, and improving the speed and efficiency of React applications, achieving a remarkable 50% enhancement in performance.

FUNCTIONAL AREAS

- Front-end Development
- Routing and Navigation
- State Management
- Responsive design
- Performance Design
- Front-End Tooling

TECHNICAL SKILLS

- **React**
- **HTML/CSS3**
- **JavaScript**
- **CI/CD**
- **Redux Toolkit**
- **Progressive Web App**
- **Styled-components**
- **React-Redux**
- **Jest & RTL**
- **React Router**
- **Web Components**
- **DOM Manipulation**
- **Git**
- **RTK Query**
- **Babel & Parcel**

WORK EXPERIENCE

TATA CONSULTANCY SERVICES, Bangalore

- **Frontend Developer, [E-Commerce]**   **05/2021 – Present**
  - Implemented user interface leveraging JavaScript, ES6 features, and ReactJS, resulting in 40% enhancement in user satisfaction and engagement on the company's digital platform.
  - Enhanced data retrieval speed by implementing code splitting, lazy loading, and caching mechanisms, leading to a substantial 40% reduction in application loading times and improvement in overall user experience.
  - Deployed reusable components and integrated React Router features to optimize the routing experience, leading to 45% enhancement in navigation efficiency and user interaction across web applications.
  - Introduced innovative Throttling and Debouncing methods, leading to 45% decrease in API calls per event, thereby optimizing application performance and resource utilization.
  - Worked on the evolution of our applications into Progressive Web Apps (PWAs), culminating in a notable 30% surge in user engagement and a 25% uptick in customer retention rates.
  - Employed diverse design patterns, resulting in a substantial 20% enhancement in codebase maintainability, flexibility, and scalability.
  - Strategized code repositories and version control using GitHub, resulting in efficient collaboration, accurate code tracking, and 85% decrease in development and deployment errors.
  - Incorporated authentication using Auth0 to enhance security and user authentication processes.
  - Conducted Unit Testing in Jest and React Testing Library (RTL) for change request and defects, adopted Test driven development approach resulting in an 85% defect identifications rate and ensuring robust software quality.

PROJECT

- [E-commerce](#) - Engineered a **Progressive web app** shopping website using HTML, CSS, JavaScript, and ReactJS. Designed for user-friendliness, enabling customers to browse, add products to cart, and complete purchases. With ReactJS interactions, the site ensures smooth navigation and streamlined checkout. Features include product filtering, sorting, and search, enhancing usability and customer satisfaction.

- [YouTube Clone](#) - Built a YouTube-like platform with HTML, CSS, JavaScript, ReactJS, and Material UI. Enables seamless video watching, searching, and channel navigation. Prioritized intuitive design and smooth user interactions. Features video playback, efficient search, and intuitive channel navigation.

- [Snake Game](#) - Designed game board, snake movement, food generation, and collision detection using HTML, CSS, and JavaScript. Crafted engaging gameplay with responsive layouts graphics. Optimized for smooth performance across devices, ensuring seamless gaming experience.

EDUCATION

- **Bachelors of Technology [B. Tech] [Electrical & Electronics]**   **08/2017 – 07/2021**

National Institute of Science & Technology [8.80/10 CGPA]

CERTIFICATIONS

- React-The complete guide (incl Hooks, React Router, Redux)
- The complete JavaScript course 2023: From zero to Expert