

NARENDRA KUMAR SHARMA

Front End Developer

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Profile

With 3.8+ years of experience as a Front-End Developer, I possess a demonstrated proficiency in designing and implementing responsive, user-friendly web interfaces. Throughout my career, I have maintained a proven track record of adhering to industry best practices while consistently delivering high-quality, visually appealing websites. My expertise lies in effectively collaborating with cross-functional teams and stakeholders to comprehensively understand project requirements and translate them into efficient and visually captivating user experiences.

Experience

Accenture

Hyderabad

Role -Application Development Analyst

September 2022 – Present

- Collaborated with the design team to implement visually appealing and user-friendly interfaces for various web applications.
- Implemented and maintained UI components and user interactions using JavaScript, HTML, and CSS.
- Developed and maintained responsive, cross-browser compatible web applications using React and Redux.
- Integrated with Restful APIs to retrieve data and implement client-side caching to improve application performance.
- Worked closely with back-end developers to design and implement Restful API endpoints and data models.
- Conducted code reviews to maintain code quality, identify and address potential issues, and promote best practices.
- Actively participated in Agile development processes, contributing to sprint planning and daily stand-up meetings.
- Implemented automated testing using Jest and React Testing Library.

Role -Application Development Associate

April 2021 – August 2022

- Developed and maintained web applications using React and Redux. - Designed and implemented responsive UI components using HTML, CSS, and JavaScript.
- Integrated with RESTful APIs to retrieve and manipulate data. - Worked with the back-end team to design and implement RESTful API endpoints.
- Implemented a new feature that increased user engagement by 15 percent - Optimized the application's performance by identifying and fixing several performance bottlenecks.
- Worked with the design team to implement a new user interface design that improved user experience.
- Collaborated with the QA team to identify and address bugs and issues during the development process.

Technical Skills

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|--------------------------|----------------|-------------------------------|----------------------------------|--------------------------------|
| • HTML5 | • Redux | • GraphQL | • Git GitHub | • Component-based Architecture |
| • CSS3 | • React Hooks | • Webpack | • MySQL | • Responsive Design |
| • JavaScript ES6/ES7/ES8 | • TypeScript | • Babel | • Single Page Applications(SPAs) | • User Experience (UX) |
| • React.js | • Node.js | • Unit Testing (Jest, Enzyme) | • MongoDB | • AgileScrum |
| | • RESTful APIs | | | |

Project

Smart Meter Management System

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- The Smart Meter Management System is a web application, designed to manage and monitor smart meters. It includes functionalities such as real-time data visualization, meter configuration, user management, and analytics.
- Used React library for its component-based architecture, efficiency in rendering updates.
- Used Redux for state management, ensuring a single source of truth for application data.
- Utilized React's lazy loading and dynamic import feature to split the application into smaller chunks, loading only necessary components when required. This reduced initial bundle size and improved load times.
- Leveraged React's useMemo hook to memoize expensive computations, such as data transformations or complex calculations used in rendering components. This optimization enhanced performance by avoiding unnecessary re-renders.
- Implemented performance optimizations, including React's lazy loading and dynamic imports to split the application into smaller chunks, improving load times
- Enhanced performance by leveraging React's useMemo hook to memoize expensive computations, avoiding unnecessary re-renders.
- Employed libraries like react-virtualized or built-in features like windowing in Material-UI for efficient rendering of long lists or large data tables. This approach ensured smooth scrolling and minimized DOM nodes, thereby improving rendering performance.
- Implemented batch requests or pagination techniques to minimize the number of API calls and reduce network overhead.Used caching strategies where appropriate to store frequently accessed data locally and avoid redundant server requests.
- Implemented automated testing using Jest and React Testing Library.
- Utilized React's Context API where appropriate for prop drilling avoidance and managing global application state.
- Created custom hooks to encapsulate reusable logic, such as API interactions, form handling, or data transformations,promoting code reuse and maintainability.
- Employed for handling side effects such as data fetching, subscribing to real-time data updates, and cleanup tasks.
- Used extensively for managing local component state, such as form inputs or UI state toggles.
- Utilized libraries like React Query or SWR (Stale-while-revalidate) for efficient server-state synchronization, caching, and re-fetching data.

Education

Bansal Institute of Research Technology and Science

July 2015 – June 2019

Bachelor of Engineering (70.90%)

Madhya Pradesh

Government Higher Secondary School

July 2013 – May 2014

Intermediate(84.8%)

Madhya Pradesh

Saraswati Shishu Mandir School

July 2011 – May 2012

Matriculation(88%)

Madhya Pradesh

Certification

- Microsoft Certified: Azure Fundamentals
- Microsoft Certified: Azure Administrator Associate
- Microsoft Certified: DevOps Engineer Expert

Recognition

- Accenture Growth Catalyst Award
- Certificate of Appreciation
- Recognition for client value Creation