

Rutika Patel

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SUMMARY

Front-End Developer with 5+ years of experience building scalable, high-performance React.js applications using TypeScript and modern UI frameworks. Skilled in state management (Redux, Context API) and optimizing component reusability with React Hooks (useState, useEffect, useMemo). Adept at improving application performance, leading Agile teams, and mentoring developers. Strong communicator with experience collaborating across UX, backend, and business teams to refine requirements and drive efficient development. Experienced in accessibility, data privacy, and test-driven development with Jest and React Testing Library. Passionate about crafting seamless, user-focused experiences while driving innovation and measurable business impact.

WORK EXPERIENCE

INFOSYS LTD.

Apr 2019 – Present

Technology Lead (Front End Developer - Reactjs 18) Verizon — Jan 2024 - Present

- Boosting the performance of critical modules (Ordering, Account Inquiry, Quoting) by optimizing RESTful API interactions, improving data flow efficiency, and reducing processing times by 40%. Enabling seamless backend integration to support high-volume enterprise transactions.
- Leading the design and deployment of a secure government quoting-to-ordering system, ensuring data privacy compliance and streamlining workflows to improve efficiency by 35%.
- Building advanced ReactJS solutions using Function-Based Components, Redux, and Context API to improve responsiveness by 40%, optimize state management, and enhance component reusability in enterprise applications. Refactoring legacy class-based components into React Function-Based Components with Hooks, reducing re-renders, improving performance, and ensuring long-term scalability.
- Diagnosing and resolving performance bottlenecks using React DevTools by profiling component renders, identifying unnecessary re-renders, and optimizing state updates for a smoother user experience. Leveraging GitHub Copilot to generate optimized code suggestions and automate Jest test creation, accelerating development cycles, enhancing test coverage, and maintaining high-quality standards.
- Mentoring junior developers and streamlining development workflows by introducing automated code reviews, enforcing best practices in Git Merge Requests (MRs), and facilitating technical discussions. Strengthening team collaboration while maintaining a clean, scalable, and maintainable codebase.
- Driving Agile teams to develop scalable, accessible, and high-performance designs by following modern web standards, applying best practices in front-end development, and ensuring seamless user experiences across platforms while meeting key performance benchmarks.
- Optimizing front-end performance by reducing bundle sizes, implementing lazy loading, and leveraging memoization techniques to significantly improve rendering speeds and page load times. Ensuring smooth navigation and seamless user interactions across high-traffic applications.
- Designing scalable and efficient data-fetching solutions by integrating GraphQL within microservices, reducing over-fetching, minimizing API calls, and enhancing data retrieval efficiency and application responsiveness.
- Handling production support and post-release stability by proactively resolving critical application issues, reducing post-release incidents by 30%, and ensuring system reliability. Partnering with business stakeholders to refine user requirements and increase development efficiency by 25%.

Technology Lead(2022 to 2024) (Front End Developer ReactJs 16) Directv

Oct 2020 – Dec 2023

- Optimized high-volume content delivery systems by leveraging performance analytics, A/B testing insights, and ReactJS optimizations (lazy loading, memoization), reducing load times by 30% and increasing user engagement.
- Tailored CMS platforms with ReactJS to streamline workflows, enhance reliability by 25%, and enable real-time updates. Integrated headless CMS for dynamic content management, improving editorial efficiency by 40%, while leveraging Storybook for UI documentation, design consistency, and better developer collaboration.
- Implemented unit testing and integration testing using Jest and React Testing Library, ensuring robust and maintainable ReactJS applications. Developed mocked API tests, end-to-end testing workflows, and snapshot tests, optimizing test coverage and reducing production issues by 40%.
- Supported pre- and post-production releases by troubleshooting issues, optimizing performance, and collaborating with DevOps for seamless deployments. Assisted in CMS workflow enhancements for production to ensure efficient content management when needed.

Junior Front End Developer Client: Verizon

Apr 2019 - Oct2020

- Developed responsive and interactive web applications using JavaScript, ensuring seamless user experiences across multiple devices and browsers while maintaining accessibility standards. Translated complex wireframes and design mockups into pixel-perfect, cross-browser-compatible web applications, seamlessly integrating RESTful APIs to enhance data handling and streamline workflows.
- Built and optimized reusable JavaScript components, leveraging efficient DOM manipulation and event handling to enhance application performance and maintainability. Integrated RESTful APIs to dynamically fetch and display data, improving data flow efficiency and streamlining enterprise application workflows.

Company: TUTKIA, USA. | Intern

Aug 2018 - Mar 2019

- Developed and optimized high-scalability JavaScript web applications with modular, reusable components while ensuring cross-browser compatibility through rigorous testing and debugging using Chrome DevTools.

EDUCATION

- **New York Institute of Technology.** *M.S. in Information and Computer Science.*
- **Ahmedabad Institute of Technology (GTU), India.** *B.E. in Computer Engineering.*

Aug 2016 – May 2018

Aug 2011 - May 2015

TECHNICAL SKILLS

- **Front-End Technologies:** HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js (v16+).
- **State Management & Architecture:** Redux, Context API, React Hooks, Component-Based Architecture, Single-page application.
- **Styling & Design Tools:** Sass, SCSS, Less, Styled Components, Tailwind CSS, Material-UI.
- **API Integration:** RESTful APIs, GraphQL, Axios, Fetch API, Postman.
- **Testing & Debugging:** Jest, React Testing Library, Unit Testing, Integration Testing, Chrome DevTools.
- **Version Control:** Git, GitHub, GitLab, Bitbucket, CI/CD Pipelines.

CERTIFICATION

- **Certifications:** Advanced ReactJS Development (Infosys Ix), Sales-Force Admin and Developer