Prerna Rajput

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PROFILE

A Software Developer adept in creating scalable and responsive web applications, with a focus on sophisticated technologies like ReactJs, NodeJs, TypeScript, and JavaScript ES6 and Webpack for optimized builds adhering to Web Content Accessibility Guidelines (WCAG). Extensive experience in implementing CI/CD pipelines using Jenkins and resolving UI regressions to ensure seamless releases. Key contributions include developing a custom Rich Text Editor to enhance content creation efficiency by 60% and collaborating on SDK architecture using Microservices to boost project scalability. Aiming to utilize a comprehensive frontend expertise to deliver innovative solutions and improve user experiences as a Frontend Software Engineer.

SKILLS

- **Frontend Development**: React, Redux, JavaScript, TypeScript, Micro Frontends, Webpack, Bootstrap, HTML5, CSS3, SASS/SCSS, Babel, NPM, Component-Based UI Frameworks, Tailwind CSS
- **Testing, Tools & Collaboration**: Jest, JUnit, UI Testing, REST, Chrome DevTools, Confluence, JIRA, Scrum Framework, Figma
- **Version Control**: Git, GitHub, SemVer, Jenkins, CI/CD Pipelines & Principles, Bitbucket
- **Additional Programming Skills**: C++, Node.js, SQL, JSON, XML, AWS, Microsoft Azure, Web Services

PROFESSIONAL EXPERIENCE

AVIZVA SOLUTIONS PVT. LTD.   **Jan 2024 - Present**
Software Development Engineer   *Gurugram, India*
- Developed scalable, maintainable frontend applications using React.js, Redux, TypeScript, Node.js, and JavaScript (ES6), enhancing user-focused experiences and adhering to front-end architecture, performance, security, and usability best practices.
- Engineered a custom Rich Text Editor in React that reduced content creation time by 60% and improved content editor satisfaction scores by 25%, demonstrating high code quality, improving email templating and testing standards.
- Integrated Ul components with RESTful APIs and optimized cross-browser performance, responsive design, ensuring secure and reliable user-facing features.
- Established a centralized style guide that enhanced UI/UX consistency and reduced design bugs by 35%, aligning SDLC and design lifecycle initiatives.
- Specialized in developing mobile applications with React Native and Cordova, devising solutions with optimized performance, seamless user experience, and integration of advanced APIs and native functionalities.

AVIZVA SOLUTIONS PVT. LTD.   **Jul 2023 - Jan 2024**
Associate Development Engineer   *Gurugram, India*
- Developed reusable frontend components using React.js, Javascript and SCSS, reducing Ul development time by 45% and maintaining design consistency across multiple projects.
- Built and maintained reusable component libraries with Storybook, reducing development time across the organization.
- Enhanced internal React component library documentation, accelerating onboarding by 20% and fostering effective collaboration with UX designers and backend software engineers
- Delivered over 10 features during Agile sprints using JavaScript and MVC architecture, ensuring robust performance and high-quality, tested code.
- Implemented Micro Frontend structure to decouple feature teams, allowing parallel development and independent deployment of UI modules.

PROJECTS

Custom SCSS Layout Utility Library
- Built a scalable SCSS utility library to auto-align page widgets using markup attributes, eliminating per-page custom CSS and reducing layout-related code by 30%. Integrated the library into 3+ internal projects, improving design consistency, reducing layout bugs, and cutting development time by 20%.
- Implemented lazy loading within the library to defer non-critical styles, reducing initial CSS payload and improving above-the-fold render performance by 28%, while decreasing page load times by 15% across all integrated projects.

Access-Based Fallback Routing System
- Implemented a role-aware fallback routing system in a large-scale React application, integrating with RBAC to manage access permissions and enforce redirects across 25+ routes using React Router.
- Prevented unauthorized access and improved user experience, resulting in a measurable reduction in navigation-related support tickets by 30%.

CERTIFICATES

- **Meta Front-End Developer Professional Certificate:**Coursera

EDUCATION

Manav Rachna University   **Jul 2019 - May 2023**
B.Tech, Computer Science and Engineering
- **GPA:** GPA: 4.0/5.0 | CGPA: 8.5/10.0