

Prerna Rajput

Software Development Engineer - Frontend

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PROFILE

- Front-End Developer with 2 years of experience building responsive and maintainable web applications using React.js, JavaScript (ES6), HTML5, and modern CSS3, with an emphasis on UI/UX best practices.
- Built and maintained reusable component libraries with Storybook, reducing development time across 3 production-grade projects.
- Conducted code reviews focused on performance and maintainability, readability, and test coverage; used Jenkins for CI and resolved high-priority bugs and UI regressions to support stable releases.
- Collaborated with an 8-member engineering team to design and implement SDK architecture using Microservice principles, enhancing scalability and maintainability.
- Guided 4 developers and supported onboarding of 2 new hires, standardizing coding practices across frontend modules.

PROFESSIONAL EXPERIENCE

Associate Development Engineer (SDE-I) - FrontEnd

01/2024 – Present
Gurugram, India

AVIZVA SOLUTIONS PVT. LTD.

- Built scalable, maintainable frontend applications using React.js, Redux, TypeScript, JavaScript (ES6), HTML, and CSS.
- Engineered a custom Rich Text Editor utilizing React resulting in a 60% decrease in content creation time and improving content editor satisfaction scores by 10%.
- Integrated components with RESTful APIs and optimized UI performance through clean code and cross-browser best practices.
- Created a custom Rich Text Editor in React, decreasing content creation time by 60%.
- Led the development of a centralized style guide, improving UI/UX consistency and reducing design bugs by 15%.

Trainee Development Engineer

07/2023 – 01/2024
Gurugram, India

AVIZVA SOLUTIONS PVT. LTD.

- Developed reusable core components using React.js and SCSS, reducing UI development time by 15% and ensuring design consistency across 3+ projects.
- Improved internal React component library documentation, accelerating onboarding and increasing adoption among new engineers.
- Delivered 10+ features using JavaScript and MVC architecture in Agile sprints, collaborating with UX designers and backend teams to maintain 99.9% uptime and minimize defects.
- Spearheaded the development of a new React-based component, cutting down code review cycles by 2 days and improving code quality scores by 15% across the team.

SKILLS

- | | | |
|---------------------------|---------------------------------------|-------------------------------|
| • React.js / Redux / Jest | • REST / UI Testing / Chrome DevTools | • Scrum Framework |
| • Git/GitHub / Bitbucket | • JavaScript / ES6 / Node.js | • Bootstrap / Typescript |
| • Micro-frontends | • C++/SQL | • HTML5 / CSS3 / SASS / SCSS |
| • Webpack / Babel / NPM | • Web Services / Azure | • Confluence / JIRA / Jenkins |

PROJECTS

Custom CSS Layout Utility Library

- Technologies:** HTML5, CSS3, SASS, Webpack, Lazy Loading
- Built a scalable CSS utility library to auto-align page widgets using markup attributes, eliminating the need for 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 page load times by 15% and development time by an estimated 20%.

Access-Based Fallback Routing System

- **Technologies:** React.js, React Router, JavaScript, Redux, RBAC
- 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.
- Prevented unauthorized access and improved user experience, resulting in a measurable reduction in navigation-related support tickets by 10%.

EDUCATION

Manav Rachna University

07/2019 – 05/2023

B.Tech - Computer Science and Engineering

Delhi NCR, India

GPA: 4.0/5.00, CGPA: 8.5/10.0

Completed relevant coursework in data structures and algorithms, software development, web technologies, database management systems, and object-oriented programming, demonstrating a strong foundation in computer science principles.

Liaised in college-level hackathons, building MVPs with React.js in 2-8 hours.

Designed and built a personal portfolio website showcasing academic and personal projects.

CERTIFICATES

JavaScript Algorithms and Data Structures – (freeCodeCamp)

Meta Front-End Developer Professional Certificate – (Coursera)