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**PROFESSIONAL SUMMARY:**

**Results-driven Senior Frontend Developer** with over **9 years of extensive experience** in designing and implementing high-performance, scalable web applications utilizing **React.js**, **Redux**, **Node.js**, **TypeScript**, and **AWS**. Proven track record of leading cross-functional teams and optimizing frontend performance by **up to 35%** through innovative UI/UX solutions and cutting-edge technologies. Highly skilled in managing complex projects, mentoring junior developers, and collaborating closely with backend engineers to deliver robust, user-centric products. Passionate about leveraging frontend architecture expertise to drive impactful digital experiences in a senior role.

* **Advanced Web Technologies:** Proficient in **HTML5**, **CSS3**, **Bootstrap**, **JavaScript**, **jQuery**, and **React.js**, ensuring adherence to accessibility standards and cross-browser compatibility (IE, Firefox, Chrome, Safari).
* **UI Development:** Designed and implemented reusable **React components** for seamless user interfaces, employing concepts such as **Forms**, **Events**, **Keys**, **Animations**, and **React Router** for optimal **Single Page Application (SPA)** experiences.
* **Performance Optimization:** Applied sophisticated optimization techniques, including image sprites and lazy loading, to reduce page load times and enhance overall user experience.
* **State Management:** Leveraged **Redux** to maintain application state, manage complex data flows, and implement middleware (e.g., **Redux-Promise**) for seamless communication between frontend and backend systems.
* **Dynamic Functionality:** Developed robust features, such as **Drag-and-Drop** capabilities with **React-Draggable**, and integrated **React-Autocomplete** for enhanced search functionality, including Google Maps location searches.
* **API Integration:** Expertise in building and consuming **RESTful** and **GraphQL** APIs, optimizing API calls, and collaborating with backend teams to enhance data retrieval efficiency.
* **Microservices Architecture:** Experience in optimizing microservices using **Node.js** and **ES6**, with an interface to **Cassandra NoSQL** database, and managing **Node.js** servers to handle backend requests.
* **Testing and Quality Assurance:** Strong background in unit testing with frameworks such as **Jasmine**, ensuring code quality and reliability through rigorous testing practices. Familiar with modern testing methodologies and tools.
* **Version Control and Project Management:** Proficient in **Git** for version control and collaboration, with extensive experience using **JIRA** for tracking issues and managing project workflows effectively.
* **Agile Development Practices:** Actively participated in Agile methodologies, including Scrum, engaging with stakeholders, scrum masters, and QA teams to ensure smooth project delivery and alignment with business objectives.
* **Mentoring and Leadership:** Provided technical guidance and mentorship to offshore teams, facilitating knowledge transfer and supporting junior developers in their growth.
* **Continuous Improvement:** Committed to continuous learning and improvement, consistently seeking to implement best practices in coding, performance optimization, and UI design.

**TECHNICAL SKILLS:**

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| --- | --- |
| * **Web Technologies** | HTML5, CSS3, Sass, Less, JavaScript, Typescript, jQuery, AJAX, JSON, Bootstrap, React.js, Redux, Flex, ES6, TypeScript, Vue.js, AngularJS, Node.js, Express.js, RESTful APIs, GraphQL, MVC Framework, AWS Services (S3), Cassandra NoSQL database |
| * **Development tools** | Eclipse, WebMatrix, WebStorm, Sublime Text, Notepad++, Dreamweaver, Bonita, Webpack, npm, Git, JIRA |
| * **Debugging tools** | Firebug, JIRA, Jasmine, JEST, Enzyme, Selenium |
| * **Frameworks** | React-Router, Flux, React-Draggable, React-Autocomplete, Electrode, Redux-Promise, KendoUI, Backbone.js, Polymer |
| * **Servers** | IBM WebSphere, Apache Tomcat, BEA WebLogic, JBoss, HTTP Web Server, AWS |
| * **Platforms** | Windows 95/98/NT/2000/XP/Vista, Linux, Sun Solaris, IBM AIX |
| * **Methodologies**: | Agile, Rational Unified Process (RUP), UML, Waterfall |
| * **Database** | MongoDB, PostgreSQL, Oracle 8i/9i/10g, SQL Server 2000/2005/2008, MySQL, Cassandra NoSQL |
| * **Frond End Tools** | Adobe Photoshop, Illustrator, CorelDraw, Dreamweaver |
| * **Testing Tools and Logging Frame Works** | Jasmine, JEST, Enzyme, Selenium, Load Runner, Easy Mock,  T-Probe. |

**PROFESSIONAL EXPERIENCE:**

**Client: CVS Health, Richardson, TX April 2023 – Present**

**Role: Sr. Frontend UI developer**

**Responsibilities;**

* **Architected and Developed** robust web applications using **React.js** and **Redux**, applying component-based architecture principles to create scalable, maintainable codebases.
* **Designed and Implemented** dynamic, responsive user interfaces with **HTML5**, **CSS3**, **Sass**, and **Bootstrap**, ensuring optimal performance across various devices and browsers.
* **Utilized Advanced React Patterns** such as hooks, context API, and higher-order components to improve state management and component reuse.
* **Reduced Page Load Times** by 35% through the implementation of code-splitting and sprite-based image optimization, resulting in a 25% increase in user engagement.
* **Developed Custom React Components** for UI libraries, facilitating rapid development cycles and ensuring consistency in design across the application.
* **Integrated RESTful APIs** with **Node.js** and **Express.js**, employing best practices for asynchronous programming and ensuring robust error handling and validation.
* **Implemented Middleware** using **Redux-Saga** for complex side effects and asynchronous data fetching, enhancing application responsiveness and maintainability.
* **Leveraged TypeScript** to improve type safety and code quality across the codebase, reducing runtime errors and enhancing developer productivity.
* **Worked with AWS Services** (e.g., S3 for file storage, EC2 for application hosting) to streamline asset management and application deployment.
* **Employed CI/CD Pipelines** using **Jenkins** or **GitHub Actions** for automated testing and deployment processes, significantly reducing the time from development to production.
* **Collaborated Closely** with backend engineers to optimize API performance, identifying and deprecating unneeded endpoints to enhance application efficiency.
* **Implemented Unit and Integration Testing** using **Jest** and **Enzyme**, ensuring high code coverage and reducing the likelihood of regressions.
* **Engaged in Code Reviews** and mentoring junior developers, fostering a culture of quality and continuous improvement within the development team.
* **Maintained Version Control** with **Git**, enforcing best practices for branch management and pull requests to facilitate team collaboration.
* **Utilized Agile Methodologies**, participating in sprint planning, stand-ups, and retrospectives to ensure alignment with project goals and deliverables.
* **Performed Thorough Cross-Browser Testing** and debugging using modern tools (e.g., Chrome DevTools, Firebug), ensuring a consistent user experience across all platforms.
* **Developed and maintained reusable React components** and functional libraries, enhancing the scalability of the application.
* **Enhanced application functionality with third-party libraries**, including **React-Draggable** for drag-and-drop features and **React-Autocomplete** for location searches.
* **Implemented dynamic data handling and reporting features**, including an Excel export functionality using **Excel-Builder** for downloading tabular data.
* **Utilized AWS** for file management, fetching images to the frontend seamlessly.
* **Conducted unit testing with the Jasmine framework**, ensuring code reliability and performance through automated tests.
* **Engaged in agile methodologies**, utilizing **JIRA** for bug tracking and project management, collaborating closely with QA teams to resolve issues promptly.
* **Interacted with customers and development teams for requirements gathering and issue resolution**, contributing to effective project delivery.
* **Performed thorough system and regression testing post-deployment**, ensuring high-quality user interfaces.

**Environment:** HTML5, CSS3, Sass, Less, JavaScript, Bootstrap, React.js, Redux, Node.js, Express.js, RESTful APIs, TypeScript, AWS (S3, EC2), Git, Jenkins, JIRA, Jest, Enzyme, Docker.

**Client: BestBuy, CA Aug 2021 – Mar 2023**

**Role: Frontend React Developer**

**Responsibilities:**

* Led the design and development of a highly scalable web application for hospital inventory and patient management, utilizing **React.js** with **TypeScript** to improve code quality and maintainability. Implemented microservices architecture for the backend, enabling modular development and independent scaling of services.
* Employed advanced performance optimization techniques including **memoization** with **React.memo()**, lazy loading of components using **React.lazy()** and **Suspense**, and dynamic imports to enhance application speed by 60% and improve first meaningful paint times.
* Streamlined state management using **Redux Toolkit**, implementing a slice-based architecture that reduced boilerplate code and improved maintainability. Integrated **Redux Saga** for handling complex asynchronous operations, resulting in a more predictable state management flow.
* Transitioned from REST to **GraphQL** for data fetching, allowing clients to request only the data they needed. This shift improved data retrieval times by 30% and reduced the number of API calls, enhancing overall performance.
* Developed PWA features such as service workers for offline capabilities and push notifications, improving user engagement by 25% and ensuring functionality in low-connectivity environments.
* Spearheaded the adoption of **Docker** for containerizing frontend applications, ensuring consistent development environments across teams. Implemented CI/CD pipelines using **GitHub Actions**, automating testing and deployment processes to increase deployment frequency by 40% while minimizing errors.
* Established a robust testing strategy using **Jest** and **React Testing Library** to write unit and integration tests, achieving over 85% test coverage and significantly reducing bugs in production.
* Implemented security best practices including **Content Security Policy (CSP)**, **Cross-Origin Resource Sharing (CORS)** configurations, and input validation techniques to protect against XSS and CSRF attacks, leading to a more secure application.
* Ensured compliance with **WCAG 2.1** standards, implementing ARIA roles and properties to enhance accessibility. Developed internationalization (i18n) capabilities using **react-i18next**, expanding the application’s reach to non-English speaking users.
* Worked closely with UX/UI designers to implement a component library based on **Storybook**, allowing for the development of reusable UI components and fostering a consistent design language across applications.

**Environment:** React.js, TypeScript, Redux Toolkit, Redux Saga, GraphQL, JavaScript (ES6+), HTML5, CSS3, Bootstrap, JSON, AJAX, PHP, MySQL, Git, Docker, CI/CD (GitHub Actions), Jest, React Testing Library, PWA, WCAG 2.1, Storybook.

Client: CreditOne Bank, Irvine, CA Mar 2019 – July 2021

Role: Frontend UI developer

Responsibilities:

* Collaborated with business analysts and stakeholders to gather and define UI requirements, translating business needs into technical specifications for high-quality React components.
* Spearheaded the development of dynamic, interactive user interfaces using **React.js** and **Redux** for state management, focusing on component reusability and modular architecture, which reduced development time by 30%.
* Leveraged React’s component-based architecture to build reusable UI components (e.g., forms, buttons, modals) that adhered to **design patterns** such as **Higher-Order Components** (HOCs) and **render props**, optimizing maintainability and scalability.
* Developed interactive widgets using **Kendo UI**, integrating with **React** to enhance user interactions, alongside the implementation of **Material-UI** for responsive design elements.
* Led the development of a comprehensive reusable component library tailored for **React** applications using tools like **Storybook** for isolated component development and testing, improving UI consistency and reducing redundancy across projects by 40%.
* Utilized **SASS/LESS** alongside CSS Modules for scoped styles in React, implementing best practices for styling React components to enhance maintainability and readability.
* Authored application-level code to interact with **RESTful APIs** using **Axios** for data fetching, employing asynchronous programming techniques with **async/await** to streamline API interactions and enhance application performance.
* Ensured cross-browser compatibility and responsiveness using modern CSS techniques and tools like **BrowserStack** for extensive testing across various browsers and devices, resolving critical issues that improved user experience.
* Actively participated in Agile ceremonies (sprint planning, daily stand-ups, retrospectives) to promote collaboration and align development efforts with project goals, ensuring timely delivery of high-quality features.
* Contributed to preparing technical documentation, including Component Design Specifications and Application Interface Contracts, ensuring clear guidelines for future development and maintenance.
* Extensively utilized **MySQL** and **PL/SQL** for backend interactions, optimizing queries for performance and ensuring seamless data flow between the frontend and backend systems.

**Environment:** React.js, Redux, HTML5, CSS3, JavaScript (ES6+), SASS/LESS, Kendo UI, Material-UI, Axios, Node.js, MySQL, PL/SQL, Agile, Git, BrowserStack.

Client: Inovar Tech Pvt Ltd, Hyderabad, India May 2015 – Dec 2018

Role: Frontend UI developer

Responsibilities:

* Actively participated in daily standup meetings, estimation sessions, and requirement reviews as part of an Agile Scrum team, facilitating clear communication and ensuring alignment on project goals.
* Led the design and development of dynamic, responsive, and browser-compatible web pages using **HTML5**, **CSS3**, and **JavaScript**. This focus on quality and user experience resulted in a 20% increase in customer satisfaction ratings.
* Implemented modern CSS methodologies (BEM, CSS Modules) to ensure styling consistency and modularity across applications, improving maintainability and reducing styling-related issues.
* Developed user-centric login, policy, and claims screens leveraging **AJAX** in conjunction with **React's lifecycle methods** to fetch data efficiently and update the UI dynamically.
* Introduced OOP practices to enhance component design, focusing on reusable and scalable UI components, which led to a 25% reduction in future code maintenance efforts.
* Designed and developed responsive applications using **React Bootstrap**, optimizing layouts for both mobile and desktop environments, ensuring seamless user experiences across devices.
* Utilized **React.js** for building dynamic user interfaces, implementing key features such as **state management with Redux**, routing with **React Router**, and animations for enhanced interactivity.
* Created a library of reusable React components, focusing on best practices and efficient data flow architecture to ensure consistency and ease of integration across various applications.
* Applied **SASS** to enhance CSS functionality, utilizing variables, mixins, and nested rules to streamline the styling process and improve the scalability of the design.
* Developed applications that seamlessly integrated with a **Node.js** backend and **MongoDB**, utilizing **Mongoose** for data modeling and ensuring efficient data retrieval for dynamic rendering.
* Leveraged **RESTful APIs** to communicate between the frontend and backend, optimizing data flow and enhancing user interactions through effective data handling techniques.
* Employed the **Mocha** testing framework to write unit tests for JavaScript code, ensuring high code quality and reducing bugs through continuous testing practices.
* Handled cross-browser compatibility issues (IE, Firefox, Safari) by utilizing tools like **BrowserStack** and implementing fallback techniques to ensure consistent user experiences across platforms.
* Utilized **Git** for version control, enabling efficient collaboration with team members, while using **JIRA** to track bugs and enhance project workflow, resulting in increased productivity.
* Involved in all stages of the Software Development Life Cycle (SDLC), including requirement analysis, development, system integration testing, and deployment.

**Environment:** HTML5, CSS3, SASS, LESS, JavaScript, React.js, Redux, React Bootstrap, AJAX, Node.js, MongoDB, Mongoose, RESTful APIs, Git, JIRA, Mocha, AWS.