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**Professional Summary**

* Around 8 years of professional experience in designing and developing Front-End Web applications, User Interface (UI) using **HTML, CSS, JavaScript, jQuery, React JS, Ruby on Rails, NodeJS, Express JS, D3.js, Redux, Backbone.js, Material UI, CSS Frameworks, AJAX, XML, JSON, GitHub, and RESTful programming.**
* Proficient in developing responsive, dynamic, and interactive web applications using **React, Angular**, and other front-end technologies.
* Experience in implementing **cross-browser compatibility** and accessibility features with a strong understanding of web development best practices, including performance optimization, and debugging techniques.
* Strong expertise in developing responsive, dynamic, and interactive web applications using **Ruby on Rails** framework.
* Proficient in building reusable and modular components using Ruby on Rails.
* Skilled in using CSS preprocessors such as **SASS**, and proficient in using popular CSS frameworks such as **Bootstrap, Grid, Flex, and sprites** to create efficient, maintainable, and responsive designs.
* Expertise in **CSS styling**, including background, positioning, text, border, margin, sprites, padding, table, pseudo elements, and behaviors.
* Hands-on experience in building **reusable and modular components** utilizing **JSX**, Props, State, and Event Handling. Developed projects using React, implementing advanced features such as **Hooks, Context API, and Routing for scalability and performance optimization.**
* Solid experience in implementing **Redux for state management, Server-side Rendering (SSR)** for improved user experience and **Higher-order Components (HOCs)** for component reuse.
* Skilled in using the Styled-components library for styling the components, and familiar with **React lifecycle methods** to enhance the performance of the application.
* Experience in implementing **dynamic routing and lazy loading** for scalability and performance optimization in **AngularJS**.
* Adept in utilizing various Angular features such as **forms, pipes, observables, change detection and Zone.js** for building robust and responsive web applications.
* Used Angular components to control page data and Models to bind data in User Interface with controller.
* Demonstrated experience in creating client-side UI validation and executing business logic based on user selections using **jQuery, jQuery UI and Angular**.
* Strong experience in developing RESTful APIs using **Node.js and Express.js**, and experience with other web development frameworks like **NestJS and HapiJS**.
* Experience with **AWS Lambda** and other serverless technologies for building and deploying scalable and cost-effective APIs and microservices.
* Familiarity with database technologies and experience integrating APIs with databases such as **MongoDB and MySQL** in a **Node.js** environment.
* Experience in developing and integrating APIs using Node.js and AWS Lambda for front-end applications, including the use of technologies such as **Express.js and Axios** to handle HTTP requests and responses.
* Expert level knowledge in **Docker and AWS cloud services** in the category of deployment.
* Demonstrated experience in ensuring **cross-browser compatibility** and implementing responsive web design, with a proven track record of working effectively with a variety of browsers such as Safari, Firefox, Google Chrome, and Internet Explorer.
* Experience in all phases of **SDLC** like Requirement Analysis, Implementation and Maintenance and extensive experience with Agile and SCRUM.
* Good knowledge in debugging and troubleshooting existing code using **Chrome Developer Tool and Firebug**
* Worked **with JIRA, and Bugzilla** for bug-tracking and **JS. Lint** for ensuring quality code.
* Skilled in using unit testing libraries including **Jest, Mocha, and Enzyme** for creating automated unit tests for front-end code, and experience working in a **Test-Driven Development (TDD) environment**. Additionally, I am proficient in using build tools such as **Webpack, Gulp, and Grunt**, allowing me to efficiently create and run tests for web applications using **Cypress.**
* Experienced in building integrations between different financial systems, such as payment gateways and accounting software, using APIs and webhooks to facilitate data transfer and automate workflows.
* Experience with **AWS, REST microservices**, and CI/CD pipelines.
* Skilled in using **Cypress and Jest** for testing.
* Strong understanding of CI/CD pipelines, and experience with tools such as **Jenkins, Travis CI, or CircleCI** to automate the build, test, and deployment process.
* Experience with Version Control tools like **GITHUB, CVS, VSS, and SVN** for Source Code version management and merging Source code after intermittent Project releases.
* Strong analytical, communication, interpersonal skills, and ability to work with proven problem-solving skills.
* Extensive working experience with different methodologies like **Agile (Scrum), Test-driven development (TDD), and Waterfall methodologies.**

**Technical Skills**

**Web Technologies and Languages**: HTML CSS, JavaScript, Typescript, Webpack, Babel, jQuery, Bootstrap, RESTful, AJAX, JSON, XML

**JavaScript Frameworks**: React JS, AngularJS, Node.js, Backbone.js, Express.js, D3.js

**CSS Frameworks:** Bootstrap, Bulma, Material-UI, Semantic UI, Tailwind CSS

**Web Servers**: Apache, Nginx

**Databases:** MySQL, MongoDB, Firebase, GraphQL, SQL Server 2005,2008, MS SQL

**IDE:** Visual Studio Code, Eclipse, Developer Tools, Edit Plus, Toad, Sublime Text, Notepad++, IntelliJ, IDEA.

**Debugging Tools:** Chrome Dev Tools, Firefox Developer Tools

**Version Control Tools:** Git, GitHub, GitLab, Bitbucket

**Security**: XSS, CSRF, SSL, HTTPS.

**Caching and Performance:** Caching strategies, Code splitting**,** Lazy loading**,** Service workers**,** WebSockets

**Web Services:** JSON, AJAX, RESTful programming

**Unit Testing Tools**: Jest, Mocha, Enzyme, Jasmine

**Automation Testing tools:** Cypress, Puppeteer

**Operating Systems:** Windows, Linux, MacOS

**Methodologies:** Agile, Scrum

**CI/CD Tools:** Jenkins, Travis CI, Circle CI

**Dependency Management Tool**: npm, yarn

**Methodologies:** Waterfall, Agile, Scrum

**PROFESSIONAL EXPERIENCE**

**Bayer, Whippany, NJ Jan 2022 – Current**

**Role: Sr. Full Stack Developer**

Bayer is a pharmaceutical and biotech company that sells healthcare products, agricultural chemicals, seeds, and biotechnology products. We are building an application for managing farming-related information, called "Logistics Report an Issue", where both dealers and farmers could track their inventory and place orders for seeds. Used React and Node for development. I was responsible for the API integration and tracking complaints. Our team worked closely with the UX team and had bi-weekly sprints to deliver updates and demos.

**Responsibilities:**

* Developed and maintained the front-end of the website using **HTML, CSS, SASS, JavaScript, React JS, Node.js.**
* Created interactive data visualizations using **D3.js**.
* Utilized **Material UI** for creating consistent and visually appealing user interfaces.
* Extensively used core features like Props and State.
* Implemented code splitting using React Loadable.
* Utilized **React Hooks** for better component management.
* Involved in building applications using React JS by building **reusable UI Components**.
* Developed and maintained web applications using **Node.js**, leveraging its event-driven architecture and non-blocking I/O to handle high traffic loads efficiently.
* Utilized **Express.js, a popular Node.js** framework, to build robust and scalable server-side applications and RESTful APIs.
* Implemented secure authentication and authorization mechanisms using JSON Web Tokens (JWT) for user authentication and authorization.
* Integrated databases such **as MongoDB and MySQL** with Node.js applications, ensuring efficient data storage and retrieval.
* Developed and consumed **RESTful APIs**, enabling seamless integration with external services and systems.
* Utilized various Node.js libraries and frameworks such as **Async, Lodash**, and **Socket.io** to enhance application functionality and performance.
* Implemented real-time communication using technologies like **Socket.io**, enabling bidirectional communication between the server and clients.
* Utilized **Git** for version control and **Jenkins** for CI/CD.
* Wrote unit tests for individual components and functions applications using tools like **Jasmine** by following Test Driven Development, used **JIRA** for bug tracking, and **JS Lint** for ensuring quality code.
* Used **Cypress** for integration testing, identify and resolve any compatibility issues quickly, allowing me to deliver reliable and high-performing web applications.
* Optimized images and other assets to reduce the application's overall size.
* Utilized **Webpack** to bundle and minify the application's code.
* Implemented **code splitting** and caching strategies to improve the application's overall performance.
* Participated in sprint planning and grooming sessions.
* Reviewed code and provided feedback during **sprint reviews**.
* Involved in implementing and maintaining the different stages of **software development life cycle** (SDLC).
* Collaborated with **cross-functional teams** to understand and implement the technical requirements and deliver high-quality software products.
* Participated in design and code reviews to ensure adherence to best practices, standards, and guidelines.
* **Troubleshooting and debugging** issues in the application to ensure optimal performance.

**Environment**: HTML, CSS3, JavaScript, ReactJS, NodeJS, Redux, D3.js, Material UI, JSON, Git, Cypress, Jenkins, Jasmine, Jira, JS Lint, Webpack, Agile Development.

**UPMC, Pittsburg, PA May 2020 - Dec 2021**

**Role: Sr. Full Stack Developer**

UPMC is a healthcare provider. I worked on developing a patient portals project for Healthcare Professionals, patients, and visitors. I worked on the patient portal myUPMC. It is a portal that allows patients to access medical records, communicate with providers, schedule appointments, and view lab results. The project used healthcare technologies along with front-end development tools, The team worked closely with clinical and administrative staff to ensure the patient portal met the needs of the patients and the hospital.

**Responsibilities:**

* Developed and maintained the front-end of the patient portal using **React JS, JavaScript, and Node.js**
* Implemented responsive web application using **CSS and Bootstrap**.
* Utilized **Material UI** for creating consistent and visually appealing user interfaces.
* Developed **reusable front-end components** (headers, Bodies, footers) using React.js.
* Designed multiple pages and used **React Router** to navigate the pages smoothly to turn into a single page application.
* Created React JS components using **JSX,** Followed **Redux Architecture** for unidirectional data flow and manage data in React and Make HTTP requests in React & Redux.
* Exclusively used **React-Hooks** to handle application **life cycle processes**, component management.
* Used Web services **RESTful web services** and **Axios** to show dynamic content on the Web page.
* Designed and implemented reusable, testable and stable React components and stand-alone functions to be added to any future pages.
* Used **Formik** React components and **hooks** for building forms in the application.
* Used Redux as a **state management** tool with React for sharing data across multiple components.
* Used **Redux saga** as a middleware library for handling side effects in Redux.
* Built RESTful APIs and server-side logic using **Express.js**, enabling seamless communication between front-end and back-end systems.
* Implemented user authentication and authorization features **using JSON Web Tokens (JWT),** ensuring secure access to protected resources.
* Provided improvements for project workflow using **Jira**.
* Involved in writing application-level code to interact with APIs, and Web Services using **AJAX, JSON, and XML**
* Performed integration testing to ensure the compatibility of different parts of the application and Worked **with Jasmine and Jest frameworks** to write the test cases for the code.
* Maintained states in the stores and dispatched the actions using **React-redux, Redux-toolkit**.
* Used Object Oriented Programming concepts to develop UI components that could be reused across the Web Application.
* Implementing a responsive design to ensure optimal viewing experience on different devices.
* Utilized **Git** for version control and **Jenkins** for Continuous Integration and Deployment.
* Wrote unit tests using **Jest and Enzyme**.
* Utilized **JIRA** for project management and issue tracking.
* Participated in sprint planning and grooming sessions.
* Reviewed code and provided feedback during sprint reviews.

**Environment:**HTML5, CSS3, Bootstrap, JavaScript, Typescript, ES6, React JS, React Router, Axios, Formik, Node.js, Express JS, Redux, Webpack, JSON, Jasmine, Jest, Enzyme, Jenkins, Git

**Bank of The West, SFO, CA Oct 2018 - Apr 2020**

**Role: Sr. UI Developer**

**Project:** I worked on a Banking web app for Bank of The West, a financial institution in San Francisco, CA. Using Angular as the main framework, the portal allows customers to access their account information, view transaction history, make payments and manage their accounts, apply for loans, credit cards and other banking products, access their credit score, receive alerts and notifications about their accounts, and communicate with bank representatives. The portal was accessible through web and mobile devices and optimized for speed and performance.

**Responsibilities:**

* Worked on developing and maintaining the front-end of the company's banking portal using **AngularJS, TypeScript, and Node.js**
* Created custom, general use modules, and components that extend the elements and modules of core **AngularJS**.
* Implemented two-way data binding through the scope of applications built on AngularJS and one-way binding when necessary.
* Created **model binding** and API calls using **AngularJS**.
* Created single Page Application with loading multiple views using **route services** and adding more user experience to make dynamic by using **Angular and Node JS**.
* Developed high-performance web applications using **JavaScript, HTML5/XHTML, CSS, jQuery, and Angular**.
* Built a high-performance, reusable code library for UI and backend components.
* Implemented modules into **Node JS** to integrate with designs and requirements.
* Collaborated with front-end developers to integrate Node.js applications with React.js, creating full-stack web solutions.
* Utilized modern front-end build tools and libraries like **Webpack and npm** to streamline the development process and improve productivity.
* Employed server-side templating languages such as **Jade and EJS** to generate dynamic HTML content based on business requirements.
* Developed data visualization tools using Algorithmic Programming, **WebSocket, JSON, and AJAX** for market.
* Implemented responsive design using Flex, Positioning, CSS
* Utilized **Git** for version control and **Jenkins** for Continuous Integration and Deployment.
* Wrote unit tests using **Jasmine** and **Karma**.
* Worked with the security team to ensure the banking portal met all security standards and implemented necessary security features such as encryption and secure authentication.
* Utilized **JIRA** for project management and issue tracking.
* Collaborated with back-end developers to ensure seamless integration of front-end and back-end components.
* Worked closely with UX designers to ensure the portal's design was consistent, user-friendly, and aligned with Bank of The West's brand guidelines.
* Conducted regular code reviews and provided feedback to team members on best practices, code quality, and performance optimization, as well as identifying and resolving any issues or bugs in the codebase.
* Participated in sprint planning and grooming sessions and helped to create technical documentation.
* Reviewed code and provided feedback on the **code optimization** and reusability during sprint reviews.
* Implemented cross browser compatibility to improve the application's browser compatibility and accessibility.
* Performed Unit testing to increase the performance of the application.

**Environment**: HTML/XHTML, CSS, SASS, jQuery, AngularJS, TypeScript, JSON, JavaScript, Route Services, WebSocket, AJAX, Git, Jenkins, JIRA, Jasmine, Karma

**Cyient, India Nov 2015 - Jul 2016**

**Role: UI Developer**

**Project:** Worked on a project for Cyient, an Indian multinational corporation. The project involved the development of interactive and optimized web pages for the company's website using Ruby on Rails and web development technologies such as HTML, CSS, JavaScript, jQuery, JSON, and AJAX. I created modern and responsive designs, implemented interactive features, user-friendly navigation, and ensured the website's performance and security.

**Responsibilities:**

* Developed web pages with enhanced interactivity using Ruby on Rails, HTML, CSS, JavaScript, jQuery, and JSON. That are more user-interactive using **jQuery plugins** for Drag and Drop, Auto Complete, **JSON.**
* Created optimized graphic websites and application interfaces using **HTML5, CSS3**.
* Developed **AJAX** based web-based UI framework by utilizing **JQUERY library**.
* Created **Cross-Browser compatible** and standards-compliant CSS-base page layouts.
* Designed CSS templates to use in all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.
* Designed, developed, and implemented **Single Page Application (SPA)** in Angular by consuming JSON.
* Populated the DOM using the JSON response that was returned from the AJAX call.
* Worked on Responsive Web Design using **Bootstrap Grid system** and **CSS3 Media Query**.
* Implemented responsive design using CSS3 and SCSS.
* Utilized **Git** for version control and **Jenkins** for Continuous Integration and Deployment.
* Written unit test cases for JavaScript code using **Jasmine** and **Karma** frameworks.
* Utilized **JIRA** for project management and issue tracking.
* Worked with the team on **Agile development** cycle.
* Used GIT as the version control for pulling and committing the developed content from/to the GIT repository.
* Implemented the application's browser compatibility and accessibility.
* Worked on implementing the real-time chat feature using **WebSocket**.
* Worked on **Google Firebase** for user authentication and stored the data.

**Environment:** HTML5, CSS3, JavaScript, jQuery, Ruby on Rails, Angular, TypeScript, JSON, CSS3, Bootstrap, SCSS, Git, Jenkins, JIRA, Jasmine, Karma, WebSocket, Firebase.

**Augmatrixgo, India Jan 2013 - Oct 2015**

**Role: UI Developer**

**Project:** Developed and maintained the front-end of a CRM System, implemented responsive design, created forms, interacted with APIs, wrote custom JavaScript and jQuery plugins, developed various webpages, and utilized Ruby on Rails to enhance user experience through accessibility and a mobile-first approach.

**Responsibilities:**

* Developed and maintained the front-end of the CRM system using **HTML, CSS, JavaScript, Ajax, JSON, and jQuery**.
* Implemented responsive design using **Bootstrap**.
* Using modern CSS techniques such as flexbox and grid layout to improve the layout and design of the website.
* Implementing a responsive design to ensure optimal viewing experience on different devices.
* Created forms to collect and validate data from the user in **HTML and JavaScript**.
* Involved in writing application-level code to interact with APIs, Web Services using **AJAX, JSON and XML**.
* Wrote a combination of **jQuery plugins**, as well as completely custom JavaScript to build a bleeding-edge, AJAX-driven user interface.
* Designed the table less web applications using CSS and with the help of and tags as per W3C standards.
* Made JavaScript functionalities related to validations, session maintenance.
* Created reusable templates and style sheets based on UI standards and guidelines.
* Implementing aria-label and aria-described by attributes to improve accessibility for screen readers.
* Using feature detection to provide a fallback for unsupported features.
* Using an image CDN to improve page load time.
* Implementing a mobile-first approach to ensure optimal viewing experience on mobile devices.

**Environment:** HTML, CSS, JavaScript, Ruby on Rails , AJAX, JSON, jQuery, Bootstrap, Image CDN, W3C standards, XML, Git, GitHub

**Education:**

Bachelor of technology in computer science and engineering, JNTUK, Hyderabad, India 2009 - 2013

Masters in computer science, Missouri State University, Springfield, MO, USA 2017 - 2018