Lisbon Lu

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SUMMARY

- Seasoned software developer with 5 years of experience in crafting modern web applications using a wide range of technologies, including HTML, CSS, JavaScript, React, Redux, Node.js, Ajax, TypeScript, and Sass.
- Proficient in building web applications using modern toolchains and JavaScript frameworks such as React.js.
- Skilled in implementing modern authorization mechanisms, including JSON Web Token.
- Adept at designing fluid and responsive templates using customized CSS frameworks like Bootstrap and adhering to responsive and adaptive design principles.
- Experienced in mitigating common web security issues such as SQL injection and cross-site scripting.
- Highly knowledgeable in managing React's Component Life Cycle, routing with React Router, and developing JavaScript apps that perform consistently across client, server, and native environments and are easy to test.
- Hands-on experience using Redux to manage global application state and middleware such as Redux-Promise and Redux-Thunk
- Excellent understanding of SEO principles and ability to apply them to web applications.
- Proficient in using React Router for dynamic and component-based routing in web applications.
- Comprehensive understanding of important concepts such as React components, JSX, Virtual DOM, Redux, Flux, and unidirectional data flow.
- Experienced in using version control management tools like Git.
- Familiar with server-side rendering and building scalable web applications with Node.js.
- Knowledgeable in test-driven development (TDD) and behavior-driven development (BDD) methodologies using popular testing frameworks like Jest and Enzyme.
- Skilled in using CSS preprocessors like Less and Stylus to create reusable styles.
- Knowledge of GraphQL, RESTful APIs, and other web services technologies.
- Experienced in using build tools like Webpack, Gulp, and Grunt to optimize front-end assets.
- Familiarity with database management systems like MongoDB, MySQL, and PostgreSQL, and using ORMs like Sequelize and Mongoose to interact with them.
- Knowledge of performance optimization techniques such as code splitting, lazy loading, and caching.
- Skilled in using containerization technologies like Docker and Kubernetes to manage and deploy web applications.
- Familiarity with cloud-based services like AWS, Azure, and Google Cloud Platform, and deploying web applications on these platforms.
- Understanding of web accessibility principles and experience in building accessible web applications.
- Knowledge of modern front-end development concepts like serverless architecture, micro-frontends, and progressive web applications (PWAs).

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Java, Python, C++, C, MySQL
Technologies: HTML/HTML5, CSS/CSS3, SCSS, Sass, React, Node.js, jQuery, JSON, Express, AJAX, GraphQL
Frameworks: React JS, Express JS, Axios, Spring Boot
Libraries: Lodash, jQuery, Material UI, Bootstrap
SDLC Methodologies: Waterfall, Agile Scrum, CI/CD
Cloud Services: AWS, Microsoft Azure, Google Cloud Platform
Version Controls: Git, Git command, Apache SVN, Microsoft Azure DevOps, Bitbucket

Databases: SQL Server, MySQL, MongoDB
Testing: React Testing Library, Jest, Enzyme, Mocha, Chai, Storybook
Design: Figma, Sketch, Adobe XD

WORK EXPERIENCE

CEDENT
May 2022 – May 2023
React Developer
Clayton, MO
Project: Business Consulting Platform
Description:
Business Consulting Platform helps clients join the community and build step-by-step business strategies based on their current situation. It schedules regular meetings automatically based on the availability and preference of the clients, designs, builds and runs ERP report based on the requirements of the clients, and contains many built-in reports for accounts payable, division of interest, lease statements, general ledger, purchase orders, ticketing, and income statements.

Responsibilities
- Developed and maintained the front end of a cutting-edge application using modern web development technologies such as React, Redux, React Router, HTML, TypeScript, CSS, and more.
- Implemented global state management using Redux to centralize the application's state and logic, while handling RESTful(Representational State Transfer) APIs and side effects with Redux Thunk middleware.
- Utilized React Router to achieve dynamic routing and provide a seamless user experience, avoiding web-page refreshes in the application.
- Ensured accessibility by implementing semantic and ARIA tags, tag roles, keyboard navigation, and contrast ratio.
- Conducted automated testing and performed unit testing on the application using React Testing Library and Jest to ensure application reliability.
- Conducted peer review sessions to adhere to SOLID reviewing standards.
- Developed document editing components with React components, Router, Forms, Events, Keys, and Animations.
- Implemented RESTful API requests for fetching, editing, deleting, and adding data across the platform.
- Integrated third-party APIs and libraries to enhance application functionality and user experience.
- Conducted code refactoring and optimization to improve performance and maintainability.
- Worked collaboratively with cross-functional teams, including UX designers, back-end developers, and QA engineers, to deliver high-quality products on time.

Perficient, Inc.
July 2021 – May 2022
React Developer
St. Louis, MO
Project: Healthcare Service Management

Description:
Healthcare Service Management is a digital health platform to address global disruptions in healthcare. The platform enabled healthcare providers, payers, and life science companies to deliver seamless patient services, including pre-visit management, onboarding services, and a virtual agent with conversational guidance via a chatbot. Our team integrated this platform with multiple external systems of record, providing a comprehensive view of patient information. Through my work, I enhanced patient experience and engagement by offering personalized and streamlined digital healthcare services.

Responsibilities
- Designed, developed, and tested a Single Page Application (SPA) using React, Redux, React Router, HTML5, CSS3, TypeScript, and Material UI.
- Created a schedule viewing table with Material UI, React hooks, and Redux, improving the application's functionality.
- Actively participated in daily stand-up meetings, periodic sprint reports, and Agile/Scrum work activities.
- Collaborated with team members to architect flexible, reusable UI components.
- Utilized SCSS to create scalable and maintainable CSS templates with dynamic behavior, including variables, mixins, and functions.
- Refactored React components' state into Redux, increasing scalability and code readability.
- Constructed RESTful API endpoints for front-end to communicate with back-end, improving data flow.
- Implemented responsive web development, including building grids with Material UI components such as dropdown menus, tables, alerts, and forms.
- Developed unit tests for the application using Jest and React Test Library to ensure high quality.
- Utilized Git as the version control tool for the project's development.

Suning.com Co., Ltd.
February 2018 – July 2021
Front-End Developer
Nanjing, China
Project: Suning Intelligence Platform

Description:
Suning Intelligence Platform is a platform offering real-time inventory availability from distributors & suppliers, part transaction information, customer demographics and key indicators for the navigation page like Daily Active Users(DAU) and Gross Merchandises Value(GMV).

Responsibilities
- Designed and developed a responsive web application using HTML5, CSS3(Bootstrap), and JavaScript(React).
- Created reusable expandable tabs to dynamically display content on web pages based on user requests.
- Created fetch HTTP requests using fetch to send and retrieve data from the backend.
- Used Redux Toolkit to manage global state for indicator details.
- Implemented dynamic page elements and form error validation using JavaScript.
- Utilized GIT version control to track and manage various versions of the application.
- Successfully transitioned from Waterfall to Agile methodology and actively participated in daily Scrum meetings to deliver tasks and projects.
- Developed unit tests using Mocha and Chai based on generated test cases.