

Willson Alflen

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Frontend Developer

Summary

I'm a junior front-end developer proficient in React. I bring a unique blend of skills honed from my previous career as a mathematics teacher. My teaching background has equipped me with invaluable collaboration and problem-solving abilities, which I'm eager to leverage in the dynamic world of technology.

I thrive on challenges and am committed to continuous learning and growth in my career. I'm on the lookout for opportunities that not only allow me to contribute effectively to web projects but also enable me to bring fresh perspectives to the team.

I'm excited about the prospect of contributing to real world projects and making meaningful contributions while embarking on this exhilarating journey of self-improvement and professional development.

Spoken Languages

- Portuguese (Native);
- English (Upper Intermediate).

Skills

Html, Css, JavaScript, JQuery, Webpack, Gulp, Grunt, Bootstrap, Sass, Less, React, Styled Components, Responsive Design, REST Api's, Database, Firebase, Jest, Cypress, Figma, Web Performance, Web Accessibility, SEO, Local Storage, Cookies, Authentication, Git, Github, Deployment.

Personal Projects

Projects

Portfolio Website - React

Chat App - React & Firebase

VanLife (Car rental app) - React & React-Router-DOM;

E-commerce Website (Ifood inspired) - React & Redux;

Contact List - React & Redux;

Disney Plus (Landing Page Clone) - Gulp & Sass;

Mission Impossible Landing Page - Gulp & Sass.

Overall Development Process

- Planning and Design: Definition of application requirements, including functionalities, features, and user interface design.
- Development Environment Setup: Initial project setup using tools like Vite, Gulp, and npm packages; Installation and configuration of development tools such as Prettier and ESLint for code formatting and linting.
- User Interface (UI) Development: Creation of HTML structures for web pages, including headers, bodies, and footers; Development of React components for dynamic rendering and interaction; Addition of functionalities specific to each project, such as rendering restaurant pages, contact lists, or interactive elements.

- Styling: Application of CSS styles using Sass for better organization, incorporating variables, mixins, and nesting for readability; Styling of React components using the Styled Components library.
- JavaScript Development: Implementation of interactivity logic using JavaScript, creating functions, and handling events to respond to user actions.
- State Management (Redux Setup): Installation and configuration of Redux and React Redux libraries; Creation and implementation of reducers and Redux store for managing application state.
- Testing: Unit Testing (Vitest - Jest) or Integration Testing (Cypress) to ensure the quality and reliability of the application;
- Performance Optimization: Minification and compression of CSS and JavaScript files for faster loading; Optimization of images and other assets to enhance performance.
- Responsive Design: Ensuring the website is responsive and functions well on various devices; Use of CSS media queries to adjust layouts for different screen sizes.
- Deployment: Deployment of projects on platforms such as Vercel, ensuring they are accessible to users.

Education

- The Frontend Developer Career Path - Scrimba - June 2023 / June 2024;
- Frontend Engineering - EBAC - Jan 2023 / Dec 2023;
- Full Stack Web Development Bootcamp - Digital House - Aug 2021 / Mar 2022;
- JavaScript Algorithms and Data Structures - FreeCodeCamp - Sep 2021 / Dec 2021;
- Responsive Web Design - FreeCodeCamp - Apr 2021 / Sep 2021;
- PostGraduate Studies in Mathematics - UniBF University - Mar 2019 / September 2019.

Experience

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| Mathematics Teacher | 2016 - 2023 |
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- Developed and implemented lesson plans that met the requirements of the curriculum.
- Created a positive and engaging learning environment for students.
- Provided individualized instruction to students to meet their specific needs.
- Collaborated with colleagues to develop and implement school-wide initiatives.
- Participated in professional development opportunities to enhance teaching skills.