Alexander Mezquita Santana

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PROFILE

Web developer who has expertise in developing Single Page Applications (SPA), Point of Sale (POS) systems, handling API requests, managing HTML forms, and creating visually attractive user interfaces. Utilizing JavaScript libraries and frameworks like React and Next, along with UI libraries such as Material UI.

WORK EXPERIENCE

KEYWORDS STUDIOS   Montréal, QC
FQA Tester   Jun 2020 – Oct 2022
- Use Jira to create and manage issues related to testing, such as bugs, test cases, and test plans.
- Identify defects and issues within the application and create detailed reports to communicate these issues to the development team.
- Conduct user acceptance testing to ensure that the application meets the end-users' needs.
- Collaborate with the development team and project managers to ensure the smooth delivery of high-quality software products.
- Responsible for ensuring that software applications and products are functioning as intended and meeting the needs of end-users.

EDUCATION

MONTREAL COLLEGE OF INFORMATION AND TECHNOLOGY   Montréal, QC
Web App Development   Nov 2018 - Dec 2019
One year program that provided me with a comprehensive understanding of web development
technologies, tools, and techniques. Fundamental web technologies (HTML, CSS, and JavaScript),
Front-End frameworks like Angular, Database design and management using MySQL and basic principles of UX.

META FRONT-END WEB DEVELOPMENT CERTIFICATE   Coursera, Online
Meta Front-End Certificate   Nov 2022 - April 2023
Online course that equipped me with skills and knowledge about component composition and new patterns like Higher Order Components and Render Props. The course covered fundamental concepts of the React library and taught me how to build fast, and scalable apps. Additionally, best practices in web development, such as version control, testing, debugging, and collaborative development.

PROJECTS

BILLCREST www.billcrest.com   April 2022 - Present
- Designed and implemented a POS (Point of Sale) application in a 2-person team using React, Redux,Next, Material UI and Tailwind.
- Enable users to use the app to create, read, update and delete new records in the database.
- Provide a visual representation of data that is easy to understand and interpret using charts.
- Users can use the app to process sales transactions in the invoice tab, including accepting payment by credit card, debit card, or cash. The app can also calculate the total cost of the purchase, including taxes and any discounts.
- Track inventory levels in real-time and update inventory counts.

MOVIE SEARCH APP   April 2023
- Designed and implemented an application that allows users to search for information about movies, such as movie titles and release date.
- Implemented search algorithms that can handle various search queries.
- Works with a third-party API (OMDb API) to retrieve movie data.
- Pagination added to the app so it can help break the data into smaller chunks that can be loaded as needed.

ADDITIONAL

Technical Skills: Javascript, HTML/CSS, Next.js, Tailwind CSS, React.js, Git, Material UI, Vercel, Chart.js, Redux, Firebase, Jira.