

David Madrid

Frontend Engineer

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Summary

Front End Developer with a robust background in computer science, networking, and web application development. My expertise goes around JavaScript technologies, specifically in React and various libraries, including React Hook Form, React Testing Library, React Router, and React Query. Constantly seeking opportunities to expand my knowledge and skills, and always looking for innovative ways to approach and solve problems to optimize my work. In addition, I possess excellent communication skills and thrive in a collaborative work environment. I am confident in my ability to work effectively with teams to plan, develop, and complete projects successfully.

Skills

JavaScript • React • CI/CD • Rest API • Github • TypeScript • HTML/CSS • Redux

Work Experience

Frontend Engineer

Jun 2023 – present

YellowBird • Contract

Remote

- Planned and Designed new features and functionalities along side marketing and product team, and implement them successfully.
- Lead and refactored the whole Sign Up process for company users. Reviewed and selected the best techniques and architecture patterns to build an scalable and easy-changable registration process.

Frontend Engineer

Aug 2022 – May 2023 • 9 mos

Soluntech • Contract

Remote

- Migrated part of our codebase from JavaScript to TypeScript. This allowed us to catch errors early in the development process and reduce the likelihood of bugs in production. By adding optional static typing, we were able to make our application type-safe, resulting in increased code maintainability and improved scalability.
- Replaced deprecated techniques with more modern and efficient ones. For instance, Implemented the Context API to pass data down to multiple nested components, allowing us to avoid prop drilling.
- Developed and implemented new features, such as: Pagination functionality, enabling structured and organized data navigation with clear and user-friendly options; considering the conditions and requirements that affected the behavior.

Software Developer

Apr 2021 – Jul 2022 • 1 yr 3 mos

Sutherland • Full-time

Remote

- Abstracted several components and created custom hooks to avoid repeating ourselves and make the code cleaner. This helped us to simplify the codebase and make it easier to maintain and update in the future
- Replaced bad practices, such as: Switched from using useEffect to useLayoutEffect to manage effects that affected the layout of the page. This change helped us to avoid visual flickering and ensure that our UI components were rendered correctly
- Implemented React Testing Library to perform unit tests, allowing us to catch bugs and errors early in the development process, improving the code quality and making it more reusable and maintainable. In consequence, we were able to quickly identify issues and make necessary changes.

Frontend Developer

May 2020 – Mar 2021 • 10 mos

TRANSTOUR ROMA SAS • Full-time

Remote

- Migrated a portion of regular CSS style to Tailwind CSS, improving our development productivity. Using Tailwind's utility classes and the className prop allowed us to quickly and easily style our components without worrying about managing class names across multiple files. This streamlined our development process and made it easier for other developers to understand the styles at a glance.
- Implemented React Query to cache search results and save time. This helped to improve the overall performance of our application and provide a smoother user experience

Projects

React Movie Database

Nov 2022 – Jan 2023 • 2 mos

Technologies: TypeScript • React • Tailwindcss

Platform that provides movie browsing and discovering. Users are able to easily search and view detailed information on movies, including credits, reviews, status, release date, rating, and financial data. Since this is an on-going project, there still are issues that need to be arised. I have included a Reference route; which describes some of the challenges encountered during the development process and the solutions implemented to overcome them; providing context for each problem, so that others can read and potentially offer suggestions. Feel free to check it out!

Education

Bachelor's degree: Business Administration

Jan 2018 – Nov 2023 • 5 yrs 10 mos

Universidad del Norte

Languages

Spanish (Native or bilingual proficiency)

English (Native or bilingual proficiency)

German (Elementary proficiency)