ANDREI T. FERREIRA
Frontend Developer

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Experienced Frontend Developer with 3+ years of experience in web and mobile application development, specializing in JavaScript/TypeScript modern frontend frameworks, especially React.js and its ecosystems. Strong track record of transforming complex requirements into high-performance, user-friendly applications across various industries.

WORKING EXPERIENCES

Frontend Developer | *Orca V2*
November 2024 - Present
- Architected and implemented modern frontend infrastructure for budgeting SaaS platform, resulting in improved application performance and maintainability.
- Designed and implemented comprehensive component library using Shadcn and Radix, establishing consistent UI patterns across the platform.
- Developed efficient state management solutions using React Query to handle complex data flows, with caching, and memoization strategies.
- Conducted comprehensive UI/UX research to inform design decisions and improve user experience.
- Developed and maintained complex state management solutions with Context API and React Query.
- Developed utilities for data validation, with Zod form validations and informative toasts, improving data integrity and user experience.
- Implemented responsive design patterns ensuring mobile-first approach.
Technology stack: React.js, TypeScript, React Query, Vite, Shadcn, Radix, React Hook Form, Zod, TailwindCSS.

Fullstack Developer | *Raster Siga Verde*
June 2023 - November 2024
- Designed and developed environmental compliance logistics platform serving multiple corporate clients.
- Developed and maintained backend endpoints using Node.js and Express, integrating with PostgreSQL database.
- Created efficient data models and database schemas to handle complex environmental compliance data.
- Implemented comprehensive form validation and state management solutions using React Hook Form and Context API.
- Integrated Material-UI components and custom styling solutions for consistent user experience.
Technology stack: React.js, TypeScript, React Query, Context API, Vite, Material-UI, React Hook Form, Node.js, Express, PostgreSQL, Zod.

Frontend Developer | *LogRock*
February 2023 - June 2023

- Enhanced and maintained large-scale Next.js application for transportation logistics management.
- Developed and integrated PDF viewer functionality for document management system.
- Maintained and enhanced test scenarios with Cypress and react-testing-library.
- Created and maintained reusable component library improving development efficiency.
- Implemented responsive design patterns ensuring mobile-first approach.
Technology stack: React.js, Next.js, TypeScript, React Query, Styled-components, Redux toolkit, React Hook Form, Zod, Jest, Cypress, react-testing-library.

Frontend/Mobile Developer | *The Key NLP*
September 2022 - February 2023
- Developed cross-platform mobile application for audio content management using React Native.
- Created SEO-optimized marketing website implementing Next.js and Static Site Generation.
- Designed and implemented responsive user interfaces for both web and mobile platforms.
- Integrated audio playback functionality and state management for seamless user experience.
- Optimized application performance through code splitting and lazy loading.
Technology stack: React.js, React Native, TypeScript, Styled-components, Context API.

Frontend Developer | *Orca V1*
April 2022 - September 2022
- Developed and maintained supplier-focused budgeting SaaS platform.
- Implemented new features and functionality based on user feedback and business requirements.
- Created and maintained a reusable component library improving development efficiency and consistency, that in the future would be used by other team projects.
- Optimized application performance through code refactoring and implementing best practices.
- Collaborated with the backend team to integrate APIs and improve data flow.
Technology stack: React.js, JavaScript, Styled-components, Context API.

Frontend Developer | *Pro Rim*
November 2021 - April 2022
- Developed critical healthcare application managing 108,000 annual patient sessions for a dialysis
hospital.
- Created mobile-first interfaces facilitating efficient patient data management.
- Implemented real-time data synchronization for critical patient information.
- Developed intuitive user interfaces for healthcare professionals considering medical environment
constraints.
- Ensured application reliability and performance in critical healthcare context.
Technology stack: React.js, React Native, JavaScript, TypeScript, Styled-components, Context API.

EDUCATION
UNIFACS
2018
- Bachelor of Computer Science

CERTIFICATIONS AND COURSES
Frontend Web Development - *Treehouse, 2019*
MERN Stack Front To Back - *Traversy Media, 2020*
React Native - The Practical Guide - *Academind, 2021*
EF SET English Certificate (C2 Proficient) - *75/100, 2022*

SKILLS
Windows, Linux, MacOS, JavaScript, TypeScript, HTML5, CSS3, React.js, Vue.js, Node.js, Express.js, MongoDB, Docker, Zod, React hook form, Jest, react-testing-library, styled-components, TailwindCSS, Solidity, React Native, Redux, Redux Toolkit, Zustand, React-Query, Tanstack, GraphQL, Material-UI, Radix, shadcn, Nest.js, Ethers.js, Web3.js, Wagmi, Viem, PostgreSQL, Cypress, npm, yarn, pnpm, Vite, Webpack, Eslint, Git, Agile, Scrum, Kanban.

LANGUAGES
- **Portuguese**: Native
- **English**: Advanced (C2 Proficient)