Pedro Barros Silva

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Skills

Frontend: React, Next.js, React Native, TypeScript, Styled-Components, Material UI
Backend: Node.js, Express, GraphQL
Testing: Jest, Vitest, Cypress, DetoxJS, Jasmine, React Testing Library
DevOps/Tools: Docker, Git, Axios
Databases: PostgreSQL, MongoDB
Others: SCRUM, Puppeteer, OneSignal, Wagmi, Viem

Profesisonal Summary

Front-end Developer with 4+ years of experience building scalable web and mobile applications. Skilled in React, React Native, TypeScript, and Web3 technologies. Proven track record of delivering high-impact solutions for global startups and companies in Brazil, Portugal, and the US. Passionate about clean architecture, performance, and user-centric design.

Education

Uniamérica - College Degree in Technology, Analysis and Systems Development (2024 – 2027)

Experience

2024 November– current (USA, Remote)
Floki *- Front-end Developer*

- Built TokenFi Connect, a portal seamlessly connects Web3 project creators to potential partners, streamlining collaboration and accelerating product.
- Built dynamic user interfaces in **React**, leveraging its modular architecture for maximum scalability and maintainability.
- Established a robust, in-house component library using **Radix**, ensuring design consistency and rapid UI development across the platform.
- Integrated wagmi and viem into Floki Launchpad enhancing security and expanding functionality for decentralized apps.

2022 March – 2025 April (Oeiras, Lisboa, Portugal)

Bliss Applications *- Front-end Developer*

- Developed a comprehensive travel management application from inception to deployment using React Native and TypeScript. Utilized OneSignal for push notifications, significantly enhancing user engagement by providing real-time updates.
- Led the migration of a payment/investment gateway project from Angular 2+ to React with TypeScript and Material Ui. Spearheaded the creation of a stock trading portal through effective componentization, streamlining the user experience and reducing development time by 20%.

2021 October – 2023 March (Belo Horizonte, Minas Gerais, Brazil)

Divisio *– Full-Stack Developer*

- Engineered user-friendly interfaces and key features for the Zelus crypto-wallet using React Native, Expo, and TypeScript, improving the overall user experience and facilitating secure transactions for crypto-assets
- Implemented key functionalities on the Barsala Platform, such as the smart home feature, so that guests could open their front door, turn on the AC, close curtains and much more from their cell phones
- Developed Barsala Android app from scratch, bringing performance to Android users, since the app was only available for iOS. Utilized NextJS, ReactJS and TypeScript for the web application, alongside React Native and TypeScript for the mobile app, enhancing platform accessibility across devices.
- Built a dynamic student-company connection platform (Odyssey) using ReactJS, NextJS, TypeScript and GraphQL on the frontend, while developing the backend with NodeJS and GraphQL Server. This platform enabled seamless event creation and facilitated job placements, driving increased user engagement and match success rates.

2021 May – 2021 October (Florianópolis, Santa Catarina, Brazil)

Mettzer *–Full-Stack Developer*

- Developed scalable front-end web applications using JavaScript and ReactJS, enhancing the user experience for Brazil's largest academic text editor.
- Engineered robust back-end solutions with NodeJS, integrated PostgreSQL and MongoDB databases, ensuring reliable data management and performance.
- Implemented a plagiarism detection tool in collaboration with the team, significantly improving the quality and integrity of students' academic worker, leading to better writing performance and adherence to academic standards
- Applied best practices in code documentation, ensuring maintainability and clarity in the development process.
- Researched and introduced new tools and techniques for continuous system improvement, including the integration of MammothJS, enabling seamless text

conversion between the platform and external editors like Word, driving innovation and efficiency within the development team.

2021 March – 2021 November (Viçosa, Minas Gerais, Brazil)

Associação Educacional Popular Esperanza – *Front-end Developer*

- Developed a course platform using ReactJS and TypeScript that enabled access to free online courses in subjects like science and mathematics, empowering individuals with limited financial resources to pursue education.
- Researched and implemented new tools and techniques, including Puppeteer for web scraping, to continuously improve system performance and scalability, allowing for the automated discovery and addition of free course to the platform, ensuring a seamless user experience for learners
- Applied best practices in code documentation, enhancing the maintainability and clarity of the platform's codebase, facilitating future updates and development