

LISBOA BRUNO

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WEB DEVELOPER

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I am someone who is passionate about technology. Currently Front End Web Developer, but with several jobs in the Back so I'm following a path towards FullStack. Thanks to this world I learned that you can be happy working, I really appreciate this!, and today I can say that my future is going this way. I consider myself strongly selftaught, tenacious and determined with the objectives, responsible, and I always try to give a little more to continue growing together with those around me.

WORK EXPERIENCE

FRONT END DEVELOPER

SIMPLIT ROUTES

In a recent project, we led the migration of a global transportation route optimization platform to Next.js, serving thousands of users from small businesses to large enterprises. The platform optimizes truck routes, drivers, and assistants based on specific conditions like time constraints and vehicle specifications.

Next.js Migration: We directed the shift to Next.js, utilizing SSR and SSG to significantly boost performance and SEO.

Design System: We developed a comprehensive design system, ensuring UI consistency and efficiency across the platform.

Cache and Data Management: We implemented TanStack Query for advanced cache management, optimizing user experience and reducing server load.

Microservices Integration: We used 'ky' for secure and efficient microservices calls, ensuring a robust and scalable architecture.

Accessibility and Component Reusability: We leveraged React-Spectrum and React-Aria to build accessible and reusable components, enhancing the platform's usability.

Styling: We applied Tailwind CSS and 'class-variance-authority' to maintain clean, maintainable code directly tied to our design system.

Forms and Validations: We implemented 'react-hook-form' and 'zod' for managing complex forms and ensuring data integrity.

Map Handling: We managed maps with polygons and markers within an IFrame, crucial for real-time route visualization and optimization.

Excel Management: We developed tools for reading, validating, and bulk-editing large Excel datasets, streamlining data management.

TypeScript Development: The entire platform was built in TypeScript, improving code quality and maintainability.

This project was a significant technical challenge, where we applied modern web development practices to build a platform that optimizes transportation routes and supports users globally.

SIMPLIT ROUTES - MAP TOOL

We developed a platform in vanilla TypeScript, integrating Retool for data management. The application handles maps with markers and polygons within an IFrame, allowing the definition of specific zones by sales reps, days, weeks, clients, and drivers. This project was developed in parallel and later integrated into the main project to enhance the robustness of map handling. Simultaneously, I led another smaller but essential project aimed at optimizing the platform, ensuring that all components work seamlessly together. The architecture enables clear and efficient visualization, optimizing resource allocation and management dynamically and at scale.

FRONT END DEVELOPER

CYS - GALICIA BANK

In my work with Banco Galicia, I was deeply involved in three major projects, each with its unique challenges and technological requirements.

Backoffice Management System:

We developed a comprehensive backoffice system to manage all aspects of the bank's operations. This project was a massive undertaking, involving the integration of React with TypeScript for a robust and scalable front-end. We worked with a microservices architecture, coordinating over 15 microservices to ensure smooth data handling across the entire system. Our work included implementing custom hooks, lazy loading, and code splitting to enhance performance. We also developed dynamic forms using Formik and Yup to meet the diverse needs of the bank's operations.

Nationwide SPA for Mortgage Credits:

This SPA was designed for use across Argentina, allowing users to simulate and acquire mortgage loans for housing purchases and renovations. We used React Hook Form and Zod for managing complex multi-step forms and ensuring data integrity throughout the loan process. To handle data fetching and caching efficiently, we integrated TanStack Query. The SPA runs on a microservices architecture, enabling a flexible and secure experience for users.

Nationwide SPA for Secured Loans in Dealerships: We also developed a SPA for secured loans, primarily used by car dealerships across Argentina. This application manages the entire loan process, from simulation to document submission and final approval, all handled with React and API Context for state management. Like the mortgage credit SPA, we used React Hook Form and Zod for forms and validations. This project required close collaboration with stakeholders to ensure the application met the specific needs of dealerships nationwide.

In all three projects, we worked in an Agile Scrum environment, focusing on delivering high-quality, scalable solutions that meet the needs of a large user base across Argentina.

FRONT END DEVELOPER

SOFRE DIGITAL - TGS

During my tenure with TGS - SOFRE DIGITAL, I was entrusted with a pivotal project that involved managing users and trucks, and developing pipeline projects for the gas industry across South America. My role entailed various responsibilities and contributions:

- **React Development:** Led the development of the project using React, showcasing versatility by initially employing class components and subsequently transitioning to hooks and functional programming.
- **Vanilla JavaScript Integration:** Demonstrated proficiency in Vanilla JavaScript, ensuring seamless

integration within the React framework.

- **Material UI Application:** Utilized Material UI for component design and styling, creating an intuitive and user-friendly interface that aligned with the project's aesthetic requirements.
- **Monolithic Architecture:** Worked within a monolithic architecture, providing a stable and coherent environment for the application's development and deployment.
- **Migration from Java 8 to React:** Orchestrated a significant migration from Java 8 to React, showcasing my ability to adapt to and implement modern web technologies effectively.

This experience at TGS - SOFRE DIGITAL not only allowed me to deepen my technical skills in React and JavaScript but also provided me with valuable insights into the gas industry's digital needs in South America. My role was crucial in optimizing user and vehicle management and supporting the development of gas pipeline projects, contributing to the technological advancement of the industry.

OTHERS EXPERIENCES

Front End Developer at Farmacity

In my role at Farmacity, I was deeply involved in a project revolutionizing the pharmaceutical industry in Argentina. Key highlights include:

- **Angular Expertise:** Developed the front-end using Angular, showcasing my expertise in creating dynamic and responsive web applications.
- **Use of SASS and MaterialUI:** Applied SASS and MaterialUI for styling, ensuring a seamless and intuitive user interface.
- **Monolithic Architecture Development:** Worked within a monolithic architecture, contributing to a stable and well-integrated system.
- **Digital Transformation in Healthcare:** Played a pivotal role in digitizing the exchange of prescriptions and delivery notes across the national pharmacy chain, significantly reducing logistical and material costs.

Backend Developer at Barber Shop

In this role, I was responsible for developing and managing NODEJS servers for a dynamic Barber Shop application:

- **Node.js and Express Framework:** Developed servers using Node.js with Express, creating a robust and efficient backend.
- **MongoDB Database Integration:** Managed database interactions using MongoDB, implementing multiple CRUD operations.
- **Security and Validation:** Employed express-validate for various checks, mongoose for schema-based solution, BCRYPTJS for secure password handling, and JWT for secure token-based authentication.
- **Third-Party Integration:** Implemented Google Sign IN for streamlined authentication and Cloudinary for advanced image handling.

ReactJS Instructor at Coderhouse

As an instructor at Coderhouse, I delivered a master class on ReactJS, covering a wide range of topics and practical applications:

Comprehensive ReactJS Coverage: Taught key aspects of ReactJS including functional components, React Router, context, and various hooks like useState, useEffect, and useMemo.

Firestore Integration and E-Commerce Projects: Guided students through backend integration with Firestore and the development of E-Commerce projects.

Project Review and Support: Provided thorough correction and support throughout the development process, ensuring a deep understanding and application of ReactJS concepts.

CORE TECHNICAL SKILLS

- Front-End Development: React, Angular, TypeScript, SASS, Material UI, Tailwind, CSS, Bootstrap
- Back-End Development: Node.js, Express, MongoDB, Microservices
- Database & Cloud Services: Firestore, Azure DevOps
- Testing & Quality Assurance: Jest, Testing Library
- State Management & Form Handling: Redux, Formik, Yup, Zustand, Tanstack Query
- Version Control & CI/CD: Git, GitHub/GitLab, Jenkins, CircleCI
- Project Management & Methodologies: Agile Methodologies, JIRA

CERTIFICATIONS

1. Full Stack Developer - MERN

- Institution: CoderHouse
- Focus: Comprehensive training in MERN stack (MongoDB, Express.js, React, Node.js) for full-stack development.

2. Programming

- Institution: Alura Latam
- Description: Extensive coursework covering various programming paradigms and languages, emphasizing practical application and problem-solving.

3. Node.js

- Platform: Udemy
- Scope: Specialized training in Node.js, focusing on server-side programming, API development, and real-time web applications.

4. Systems technician

- Institution: university SXXI
- Details: Comprehensive education in systems technology, encompassing both theoretical knowledge and practical skills in IT systems management.

LANGUAGES

- Native Spanish
- English B1 - Conversational