

João Costa

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Summary

With over 3 years of experience as a frontend developer, my programming journey began during high school and has since evolved into a passion for creating seamless, user-centered digital experiences. Combining a deep technical toolkit—including JavaScript, React, and TypeScript—with a talent for solving complex challenges, I specialize in designing responsive, intuitive platforms.

From leading the migration of legacy systems to tackling critical security flaws, I thrive on transforming ambitious ideas into impactful, maintainable solutions.

Skills / Achievements

- **Languages:**
 - **Native:** Portuguese
 - **Advanced:** English
- **Programming Languages:** Javascript, Typescript
- **Backend:** NodeJS, MongoDB, MySQL
- **Frontend:** HTML, CSS, SASS, TailwindCSS, ReactJS, NextJS
- **Testing:** Jest, Cypress, SuperTest, Faker

Experience

Cibernix

Front-End Developer

📅 Apr 2022 – present (~ **3 YEARS**)

📍 Remote

- Engineered interactive and responsive UI components using ReactJS for a legacy SaaS platform, enhancing the user interface to streamline legal processes for the legal department of a major energy distributor.
- Served as the first frontend developer, identifying and resolving critical bugs within the platform, successfully reducing the bug count by 60% over 4 months.
- Resolved a critical security flaw in the login process of a high-traffic energy platform. Replaced insecure URL token authentication with a secure, session-based approach using Node.js and React, significantly enhancing client data protection and ensuring compliance with modern security standards.
- Initiated and led the migration of a legacy platform from class components to React hooks, improving performance and maintainability. This transformation resulted in a 75% reduction in client-reported monthly bugs.
- Independently led frontend development, accelerating feature delivery by 93% while mentoring newly onboarded team members and shared insights from my experience in transitioning the codebase

NFHUB

Front-End Developer

📅 Oct 2021 – Apr 2022 (~ **7 MONTHS**)

📍 Remote

- Designed and implemented the user interface for a complaint reporting platform using ReactJS and SASS. Collaborated with a team of developers to deliver an MVP.
- Worked with the frontend development team, collaborating with 3 developers to design and implement a Minimum Viable Product (MVP) for an internal complaint reporting platform within 7 months.
- Developed dynamic and responsive user interface components using ReactJS, enhancing user experience and engagement through modern design practices.
- Implemented robust client-side logic with JavaScript, optimizing web application performance and ensuring seamless interactions for end-users.
- Refactored and optimized the Context API to address inefficient state management, reducing unnecessary component access to the global state. Simplified dependencies, improving data flow and reducing re-renders by 30%, which eliminated crashes and enhanced system reliability.

Projects

NoteMock — *Typescript, Tailwind, NextJS*

August 2022

- NoteMock is a to-do list made with NextJS focused on students and developers, offering a better organization and customization options.
- Actively contributing to the Note Mock project, focusing on migrating the codebase from JavaScript to TypeScript to enhance type safety and maintainability.
- Utilizing TypeScript features to optimize existing code, reduce bugs, and improve overall project performance.

Todo Backend GraphQL — *TypeScript, Node.js, Koa, MongoDB and GraphQL* **January 2023 - February 2023**

- Developed a to-do application using TypeScript, Node.js, Koa, Mongoose, and GraphQL as part of a community challenge to deepen knowledge in GraphQL.
- This project involved testing with Jest, Faker, and SuperTest to ensure functionality and reliability.
- Gained valuable experience in building a GraphQL API, refining TypeScript skills, and creating effective test setups. This project strengthened expertise in backend development and GraphQL best practices, contributing to cleaner, more maintainable code.

API Ecommerce — *Javascript, Node.js, Express, MariaDB and Sequelize* **February 2022 - August 2022**

- Built an Ecommerce API using JavaScript, Express, MariaDB, and Sequelize to deepen understanding of relational databases.
- The system includes secure user login with bcrypt.js, product registration, and order placement, as well as relations between users and orders and products and product images.
- This project provided hands-on experience in managing relational data structures and implementing authentication, while reinforcing backend development skills for scalable ecommerce systems.
- Gained experience in testing API endpoints and relational database interactions using Jest, ensuring code reliability and accuracy throughout development.
- Learned how to use Multer for image uploads in the API, enabling secure file handling and integration with product-related data.

Education

High School

📍 *Rio de Janeiro Brazil*

📅 2018 – 2020 (~ **3 YEARS**)