

MATHEUS SOUZA

Software Engineer Blumenau, SC, Brazil | Remote

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PROFESSIONAL SUMMARY

Software Engineer with 5+ years of experience in the **TypeScript** ecosystem and **Python**, specializing in **React** and **React Native**. I have delivered high-impact solutions for global companies like Cognizant and Serasa, focusing on **serverless architectures** and **scalable mobile interfaces**. Expert in **CI/CD** and **testing**, I combine technical leadership with a passion for building **high-performance, user-centric** applications.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, HTML, CSS, SQL, Python, Java, C.
- **Frontend:** React.js, React Native, Next.js, Expo, Redux, TailwindCSS, Styled Components.
- **Backend & Database:** Node.js, Express, PostgreSQL, PrismaORM, Python (FastAPI).
- **DevOps & Tools:** Docker, Azure DevOps, AWS, Jenkins, Bitbucket, Git, GCP, Supabase, Aiven, Render.
- **Testing & Concepts:** Jest, Testing Library, Unit Tests, Functional Tests, OOP, BDD, REST APIs, SEO.

PROFESSIONAL EXPERIENCE

CRIMSON EDUCATION | Auckland, New Zealand (Remote) *Capstone Project Advisor & CS Tutor* | Dec 2024 – Present

- Instructed students in backend development using **ExpressJS**, **PrismaORM**, and **MySQL**, guiding them in the practical implementation of real-world applications.
- Collaborated with a diverse team to develop innovative educational products, impacting over 100,000 students globally.
- Mentored students on their final projects (capstone), enhancing their analytical and research skills through personalized mentorship.

LINX | Blumenau, SC, Brazil *Mobile Developer* | Dec 2024 – Mar 2025

- Optimized deployment cycles using **Azure DevOps** and **Git** for version control and **CI/CD**, ensuring faster release times.
- Built and executed unit and functional test suites using **Jest** and **Testing Library** for a React Native application.
- Developed and maintained API integrations using **Axios** and **Redux-saga**, optimizing state persistence within the application context.

- Implemented styling solutions with **Styled-Components** for modular and easy-to-maintain UI components.
- Elevated codebase quality through active **code reviews** and adherence to best practices.

COGNIZANT | São Paulo, SP, Brazil *Software Developer* | Apr 2022 – Jun 2024

- Designed mobile and web features by translating Figma designs into **React** and **React Native** interfaces using **Expo**.
- Boosted application observability by implementing alerts and custom dashboards in **Datadog** to monitor system health.
- Applied **Redux** and **ContextAPI** for scalable state management in **TypeScript**-based applications.
- Diagnosed and resolved system incidents through in-depth analysis of **AWS** and **SAP** reports.
- Developed a private web application for crop science using **React**, **TypeScript**, and **Redux**, improving efficiency in crop management.
- Conducted functional tests with **Jest** and **Testing Library**, ensuring high code quality and application reliability.

SERASA | Blumenau, SC, Brazil *Frontend Developer* | Jul 2021 – Feb 2022

- Automated deployment flows via **Jenkins** and **Bitbucket**, accelerating release cycles.
- Developed a micro-frontend application using **Angular** and **React**, improving the user experience in financial services.
- Translated **Figma** layouts into **TypeScript**-based **React** components, ensuring robustness, component reusability, and scalability.
- Collaborated with cross-functional teams to create the "Lock&Unlock" feature, empowering millions of users to manage their credit scores effectively.
- Integrated Google Analytics tracking triggers in collaboration with the Data Analysis team.

PROSPECTA DIGITAL | SJRP, SP, Brazil *Frontend Developer* | Aug 2020 – May 2021

- Increased page traffic via **SEO** optimization with **YoastSEO** plugin for **WordPress** and Tray E-commerce.
- Optimized frontend performance through **TinyPNG** plugin and a clean implementation of **HTML**, **CSS**, and **JavaScript**.
- Translated Adobe Photoshop designs into responsive web interfaces using **HTML**, **CSS**, and **JavaScript**, maintaining high standards of visual precision.

W3MIDIA | SJRP, SP, Brazil *Frontend Developer* | Jun 2020 – Jul 2020

- Developed and implemented features for **CMS** and **PHP** MVC-based sites using **HTML**, **CSS**, **JavaScript**, and **PHP**.

- Performed efficient code deployment updates via **FileZilla**, ensuring continuous updates in production environments.
- Resolved bugs and optimized site performance, improving user experience for clients.

PROJECTS

MMJ - My Money Journey (Private Repo - [Live Demo Available](#)) Full Stack Financial Management Application developed with **Python** and **React**.

- **Serverless Architecture:** Architected a scalable and cost-efficient backend using Python (FastAPI), deployed on **AWS Lambda** via **API Gateway**, ensuring high availability and zero-maintenance infrastructure.
- **Backend Engineering:** Implemented asynchronous route handling and complex data validation using Pydantic.
- **Database & ORM:** Managed relational data with **SQLAlchemy**, handling migrations and complex queries for financial transaction tracking.
- **Frontend Integration:** Built a responsive **React** application consuming serverless APIs, featuring real-time updates and secure authentication.
- **AI:** Integrated with **LLM models** chat via **OpenRouter**.

Community Cares (Full Stack Ecosystem) | Open Source Social Impact Project Development of a complete solution to map and manage community support locations.

- **Architecture:** Distributed system composed of 4 integrated applications: [Web Client](#), [Admin Panel](#), [API Server](#), and [Mobile App](#).
- **Backend (Node.js):** Construction of a RESTful API hosted on Render, managing business rules and integration with third-party services.
- **Frontend (React):** Responsive and dynamic interfaces, focused on usability and performance.
- **Infrastructure & Data:** Integration with Aiven to manage a high-availability cloud database and implementation of OAuth (Google/GitHub) for security.

EDUCATION

- **Bachelor of Science in Computer Science** - Instituto Federal Catarinense - Present
- **Technical Degree in Web Development** - ETEC Philadelpho Gouvêa Netto