MATHEUS FERRAZZA

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PROFESSIONAL SUMMARY

Software Engineer specializing in web and mobile applications, with expertise in React, TypeScript, and Node.js. Passionate about building scalable, high-performance solutions that enhance user experience and maintainability. Notable achievements include refactoring legacy codebases, optimizing state management with Zustand/Redux, and improving performance through typed APIs, code splitting, and lazy loading. Experienced in dynamic data-driven dashboards, REST/GraphQL integrations, and database query optimizations. Active contributor to the tech community, fostering knowledge-sharing and innovation.

SKILLS

- React
- TypeScript
- MySQL
- PostgreSQL
- Agile methodologies
- API integration
- Node
- React Native
- MongoDB
- Jest/Cypress
- Git proficiency
- Software architecture

WORK HISTORY

Software Engineer, 11/2023 - Current
Cebraspe – Brasília, Federal District, Brazil (Remote)
• Revamped an enterprise-grade staff allocation system, optimizing state management with Zustand and minimizing redundant re-renders, resulting in enhanced performance for 400,000+ users.
• Developed a reusable component system in React using ShadCN and TypeScript, reducing feature development time by 50% and ensuring seamless scalability across projects.
• Led the software development for an internal evaluation platform, processing data for over 1,000 employees with a React-based frontend and TypeScript for strong type safety.
• Created a dynamic national map dashboard in React for employee search by work state in Exame, integrating a RESTful API for real-time data visualization and improved user experience.
• Collaborated on building reusable UI components for the company's design system, leveraging React and TypeScript to maintain UI consistency and improve development efficiency across projects.

Software Engineer, 03/2023 - 11/2023

SoulCode Academy – Sao Paulo, Brazil (Remote)

• Ongoing maintenance of the company's official website, utilizing Angular, TypeScript, Firebase, and GCP to ensure optimal performance and scalability.

• Developed solutions for lead capture, including a shopping cart abandonment feature, using Node.js and TypeScript for backend logic and smooth data handling.

• Configured events through the RD Station API, streamlining lead capture and integrating with Node.js to enhance automation and data processing.

• Handled DNS configuration and email sending with Nodemailer and Node.js, ensuring reliable communication and performance.

• Worked with agile methodologies such as DevOps, CI/CD, Scrum, and Kanban, optimizing workflows and maintaining code quality using tools like Jira, Trello, Git, and GitHub.

• Practiced clean code principles in development, leveraging TypeScript for type safety and maintainability in large-scale projects.

EDUCATION

Certificate of Technical Studies: Software Engineering, 02/2022

SoulCode Academy - Sao Paulo, Brazil

Engineering, 11/2021

Universidade Federal Do Rio Grande (FURG) - Rio Grande, Rio Grande Do Sul, Brazil

LANGUAGES

English

Advanced (C1)