Guilherme Farrel de Souza

Full Stack Engineer

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Full Stack Engineer with five years of experience in developing back-end and front-end web services using the most advanced technologies and strategies from the market. Worked in teams of 4-12 team members.

WORK EXPERIENCE

Full Stack Developer   September 2022 – December 2023

Let's Comunicação e Desenvolvimento, Londrina, PR

- Designed and engineered advanced web applications for Ottoset and Tinoagro employing TypeScript, Next.js, and React.js; achieved a 50% increase in user satisfaction and a 15% rise in site traffic.
- Boosted online presence and performance by 40% using TypeScript, Next.js, React.js, Node.js, Fastify and NestJS, leading to a 25% increase in customer engagement and sales.
- Led a development team on producing web services using React.js, Next.js, Node.js, Fastify, NestJS, Prisma and AngularJS increasing the business revenue by 50%.

Full Stack Developer   November 2022 – May 2023

DoroTech | IT Solutions, Londrina, PR

- Developed and launched Swim Guide using Vuex and Vue.js, an NGO project offering real-time beach and water quality information, helping over 10,000 users find safe swimming locations.
- Engineered a seamless migration from WordPress to Prismic and Vue.js, Vuex for an NGO, enhancing user experience and reducing page load times by 50%, leading to a 20% increase in user engagement.

Full Stack Tech Leader   May 2021 – July 2022

Arbo, Londrina, PR

- Spearheaded automation of property listing processes at Arbo using JavaScript, Node.js, Express.js, AWS lambda, Loopback and AngularJS enhancing lead generation by 100% via channels like MercadoLibre and Casa Mineira.
- Managed a 8-member cross-functional (product, engineering, sales, support) team and coordinated with three senior business partners toward the successful launch of an ERP platform.
- Conducted comprehensive code reviews for developers, resulting in a 40% increase in team productivity and efficiency by identifying and resolving critical code bottlenecks promptly.
- Constructed microservices with Node.js, Express.js, AWS Lambda, and TypeScript, lowering main system load by 30% and optimizing processing speed by 20%, resulting in smoother application performance.
- Implemented sophisticated webhooks and bots with JavaScript, TypeScript, Express.js and Node.js for real-time lead notifications, cutting lead response time from 72 hours to 15 minutes, resulting in a 30% increase in conversion rates.

Junior Full Stack Developer   November 2020 – April 2021

Arbo, Londrina, PR

- Maintained Arbo's system usability with JavaScript, React.js, Next.js, AngularJS, Node.js, Express.js and Loopback for 10,000 active users and 1,400 daily accesses.
- Improved business usability and management workflows, leading to a 30% increase in user engagement and 20% higher sales conversions.
- Developed and maintained the real estate's white labels using React.js and Next.js and CRM using AngularJS, Node.js, Express.js and Loopback, improving 30% in lead sales.

Bachelor of Software Engineering
March 2024 – Present

Federal University of Technology, Cornelio Procopio, PR

- Led a 4-member team to secure 3rd place at HackaBee Hackathon with a project promoting urban ecological sustainability, impacting over 50,000 residents.

Leadership and Discipleship Course
March 2023 – December 2023

Word of Life Bible Institute, Atibaia, SP

- Mastered critical leadership and service skills by leading a ministry group of 15; learned how to think, live and serve through practical application.

Computer Technician
February 2018 – December 2021

Federal Institute, Londrina, PR

- Spearheaded the development of a refrigerator with automated temperature controls, resulting in a 35% increase in energy efficiency.

OTHER

Rocketseat's GoStack 14, Online, 160 hours
Full Stack Bootcamp — Ecosystem of Node.js, ReactJS and React Native

13th Scientific Initiation Program, Londrina, PR
Institute of Pure and Applied Mathematics — Applied Mathematics

SKILLS

Engineering: JavaScript, TypeScript (Experienced); React.js, Next.js (Experienced); Node.js, NestJS (Experienced)
Techniques: SOLID; Domain-Driven Design; Test-Driven Development
Tools and Frameworks: Vue.js; Vuex; Angular; AngularJS; Express.js; Fastify; Loopback; Databases (Postgres, MySql, MongoDB); ORM (Prisma, TypeORM); CRM (Prismic)
Languages: English (Native/Fluent); Portuguese (Native/Fluent)

AWARDS

- 3rd place at the HackBee 3.0 Hackathon
- 4th place at the TransformaBMG Hackathon
- 5th place at the Mega Hack 2.0 Hackathon
- 3 times Silver Medal winner at the Brazilian Public School Mathematics Olympiad
- Silver Medal in the International Kangaroo Mathematics Competition Brazil
- 2nd place in the IFPR Robotics Olympiad, line follower segment
- 2 times Gold Medal winner in the Maringá and Region Mathematics Olympiad