Luis Furtado Araujo

Software Engineer

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I am a software engineer with 7 years of experience across the entire software development lifecycle—from product definition and requirement analysis to backend and frontend development, infrastructure, architecture, automated testing, and software quality. Currently, I focus on technical leadership and full-stack development, with the goal of driving projects to success by balancing scalability, performance, and maintainability.

RECENT WORK HISTORY

ARCO EDUCAÇÃO

Staff Software Engineer　　　　　　　　　　　　　　　　　　　**2023 - Present**

- Led a team of five engineers in migrating multiple legacy services to well-architected, scalable microservices.
- Achieved over $80K/year in cost savings through AWS FinOps initiatives optimizing legacy services.
- Designed, developed, and maintained microservices with a strong foundation in software engineering principles and best practices.

Senior Software Engineer　　　　　　　　　　　　　　　　　　**2022 - 2023**

- Technical leadership and development in JavaScript/TypeScript, Node.js, React, AWS, and various frameworks.
- Developing and maintaining 6+ applications across different domains.

Technologies: Javascript, Typescript, NodeJS, NextJS, React, AWS and SQL.

MB LABS

Tech Lead　　　　　　　　　　　　　　　　　　　　　　　**2022 - 2023**

- Technical leadership, including mentoring junior developers and providing guidance.
- Code reviews, project planning and estimations, organizing timelines and deliveries for clients.
- Lead developer and tech leader for a full-scale education application.

Software Engineer　　　　　　　　　　　　　　　　　　　　**2020 - 2022**

- Designing and developing robust web applications with a focus on scalability and performance.
- Full-stack expertise, leveraging front-end and back-end technologies to drive innovation and deliver exceptional user experiences.
- Contributed to various applications, including for Versa Fuel, a geolocation startup built with Node.js (backend), React (dashboard), and React Native (client-side).

Technologies: Javascript, Typescript, NodeJS, React Native, React, Angular, SQL, AWS.

BOX IT　　　　　　　　　　　　　　　　　　　　　　　　**2018 - 2019**

Full Stack Web Developer

- Developed and maintained CRM (Customer Relationship Management) and ERP (Enterprise Resource Planning) systems.
- Tech stack**:** Vue.js (JavaScript) for the front end and Laravel (PHP) for the back end.
- Built custom institutional websites tailored to specific business needs.

Technologies: JavaSript · NodeJS · Laravel · VueJS · SQL (MySQL) · Git

EDUCATION

University of Brasília – School of Science and Technology in Engineering (UnB FCTE)　　**2018 - 2024**
B.S. Software Engineering

SKILLS

- C
- Problem Solving
- JavaScript
- TypeScript
- NodeJS
- React
- Next
- AWS
- Git
- CI/CD
- SQL
- NoSQL
- Software Architecture
- Microservices