

# Luiz Fernando de Andrade Abreu

Desenvolvedor de Software

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## ABOUT

Software Engineer with over 4 years of experience, participating in the development of full-stack solutions and currently focused on the creation and maintenance of distributed, resilient, and scalable microservices. Based on my experience, I have been working on building systems that handle large volumes of information and demand high stability, even under intense demands. I have experience ensuring that different parts of a product function in an integrated way, maintaining performance and scalability. I also apply external practices to continuous improvement, increasing reliability, organizing development flows, and optimizing processes, contributing to more efficient and sustainable solutions over time.

## PROFESSIONAL EXPERIENCE

### Agrotools — Developer IV/III | São José Dos Campos, SP

05/2024 - PRESENTE

- Development of resilient microservices and APIs, focusing on high performance, scalability, and client integrations. Experience in architecture, development patterns, and optimization of high-volume systems.
- Maintaining and optimizing existing code, with refactoring and a focus on performance and quality.
- Collaboration on code reviews and best practices for version control with Git/GitHub.
- Technologies: C#, .NET, TypeScript, Vue.js, Python, Elasticsearch, Redis, and AI-powered automation.

### Freelancer — Developer Full-Stack | Remote

05/2025 - 07/2025

- Analysis of the database and creation of optimized views for complex queries.
- Development of the Customer Purchase Report screen, with advanced filters (company, product, group and period) and grouped table.
- Performing functional tests, adjustments, and integration with the existing system.
- Implementation of Product Movement History, with conditional loading logic, detailed table, and chronological sorting.
- Support for deployment and final documentation.
- Technologies: C#, MVC, PostgreSQL, Tailwind CSS.

### Agrotools — Developer II | São José Dos Campos, SP

02/2023 - 05/2024

- Creation of applications and BFFs for internal automation and integrations (including SAP). Use of TDD, continuous improvement, problem solving, and environment automation.
- Technologies: C#, .NET, TypeScript, Vue.js, Terraform, Elasticsearch, Azure Service Bus.

### Agrotools — Developer I | São José Dos Campos, SP

01/2022 - 02/2023

- Full-stack development following best practices (SOLID, testing, CI/CD). Implementation of SSO (Azure AD and WSO2), chatbot, and monitoring with Elastic APM. Experience in system maintenance, bug fixes, and improvements.
- Technologies: C#, .NET, TypeScript, Vue.js, Terraform, Elasticsearch, Azure Service Bus.

### Agrotools — Interns | São José Dos Campos, SP

06/2021 - 01/2022

- Corrections to .NET Framework APIs and web application development.
- Technologies: HTML, CSS, JavaScript (jQuery). Execution of queries and adjustments in PostgreSQL.

## ACADEMIC BACKGROUND

- Information Systems — Estácio de Sá  
03/2020 - 07/2024
- Business Administration — UESPI  
11/2018 - 12/2022

## KNOWLEDGE / TECHNOLOGIES

C# .NET, JavaScript, TypeScript, Vue.js, PostgreSQL, MongoDB, TDD, SOLID, RabbitMQ, Redis, Hangfire, Azure DevOps, KEDA, OpenTelemetry, MongoDB, Node.js, GIS, APIs RESTful, Python, Docker, Kubernetes,