LUCAS DUARTE

SENIOR FULL STACK DEVELOPER ⬤ BELO HORIZONTE, BRAZIL 📞 +55 (31) 99450-8422

○ DETAILS ○

Belo Horizonte
Brazil
+55 (31) 99450-8422
contato@dvarte.dev

Date of birth
12/13/2000

○ LINKS ○

Site

LinkedIn

GitHub

○ SKILLS ○

.NET Core

C#

React

Node.js

Next.js

Nest.js

TypeScript

JavaScript

Python

Git

MySQL

SQL

MongoDB

○ LANGUAGES ○

Portuguese

English

👤 PROFILE

I am a Senior Full Stack Developer with over 6 years of experience building scalable systems across both frontend and backend. I specialize in React, TypeScript, C#, .NET Core, and Python.

My focus is on creating robust, flexible, and maintainable solutions that solve real problems from white-label platforms used by companies with millions of clients to real-time AI integrations that deliver measurable business value.

💼 EMPLOYMENT HISTORY

Senior Full Stack Developer at Xipp, São Paulo
September 2023 — Present

I also work as a Full Stack Developer at Xipp, where I am responsible for developing and maintaining web applications using a variety of technologies, including C#, .NET Core, JavaScript, React, and Next.js.

- Designed and built web applications with .NET Core / C# on the backend and React + Next.js on the front end.
- Wrote unit and integration tests (Jest), practiced continuous refactoring, maintaining code quality with Clean Code principles.
- Developed RESTful APIs, microservices; worked with relational databases (MySQL, SQL Server) and NoSQL (MongoDB).
- Containerized applications with Docker, used SonarQube for code quality monitoring, version control with Git.
- Integration with RESTful API services
- Operated within Agile environments, performed code reviews, ensured adherence to design patterns and software architecture best practices
- Communication between asynchronous services
- Code refactoring and maintenance, using Clean Code fundamentals

Senior Full Stack Developer at DOT Group, Santa Catarina
August 2022 — September 2023

I work on the development and maintenance of Front End and Back End applications for an LLM OS project, an innovative platform that aggregates different LLMs (Large Language Models) focused on Artificial Intelligence training. Below, I highlight some of my main responsibilities and activities:

- Lead development and maintenance of both React/TypeScript and .NET/Python applications for an LLM OS project, a platform aggregating multiple Large Language Models for AI training.
- Architected and implemented interfaces for model training, configuration, monitoring, and visualization of LLM results.
- Experience with MongoDB, MySQL, and SQL Server databases.

- Developed subscription management flows: plan upgrades, downgrades, cancellations. And integrating secure payment providers including PayPal and Mercado Pago.
- Integrated real-time communication via WebSocket; created file upload system with immediate status feedback.
- Actively contributed to architectural decisions, breaking down large projects into smaller deliverables; collaborated cross-functionally using Agile practices (Scrum/Kanban).
- Integration with RESTful API services.

Mid Full Stack Developer at STOA, Belo Horizonte
May 2020 — August 2022

Worked as a Mid Full Stack Developer at STOA, where I was involved in the development and implementation of internal and external automation processes using Python and .NET Core. My responsibilities included:

- Built internal automation tools and full-stack systems using Python (Flask) and internal ERP .NET (Framework & Core).
- Managed data and DBs: MySQL, SQL Server, MongoDB. And integrated with APIs and internal services.
- Billing automation reduced invoice cycle from roughly 10–11 days to < 1 hour via REST integrations + scripts.
- New digital presence increased lead generation by around 60%, with metric tracking and SLA monitoring.
- Process automation using Python, Zapier, Power Automate, and Postman.
- Integration with REST services and APIs.

Junior Full Stack Developer at iJunior, Belo Horizonte
March 2019 — May 2020

Worked as a Junior Developer at iJunior, where I gained experience in developing systems, blogs, websites, and other projects. My responsibilities included:

- Development of systems using .NET, Flask, JavaScript, Python, and C#
- Implemented RESTful endpoints and external integrations; used Entity Framework and SQLAlchemy for persistence.
- Structured apps in MVC with service and repository layers, following Clean Code practices.
- Standardized Git Flow and pull-request reviews; added basic unit tests.
- Participated in Scrum ceremonies: planning, daily, review, and retrospective.

🎓 EDUCATION

Systems Engineering, UFMG, Belo Horizonte (Bachelor)
March 2019 — December 2025

I am a highly motivated and results-oriented individual with a passion for software development. I have a strong track record of academic success and have gained valuable experience through my involvement in several projects at iJunior.

Additional Information:

- Relevant Awards and Honors:
    - Awarded with the "iJunior Spirit" in 2019 for the team spirit and collective spirit in the work carried out on UFMG projects.

Information Technology, SENAI, Belo Horizonte (Technical)
March 2016 — August 2017

Systems development using C#, .Net Core, JavaScript and PHP with Visual Studio

Community and Git versioning, Scrum agile methodology. Microsoft World, Excel and Power Point.

Skills:

- Programming: C#, .Net Core, JavaScript, PHP
- Tools: Visual Studio Community, Git
- Agile Methodology: Scrum
- Software: Microsoft Word, Excel, and PowerPoint
- Virtual Reality: Developed a VR training system for NR-35 (Safety and Health Regulation for Work at Height)

Developed a large virtual reality system for height training according to NR-35.

- **Features:**
  - Realistic simulations in various height work scenarios
  - Interactive learning with tutorials, instructions, and feedback
  - Customizable content to meet the specific needs of each company

- **Technologies:**
  - Oculus Rift for an immersive experience
  - Unity as a game engine
  - C# programming language