Guilherme Zago

Research & Software Engineer

Rua Ernesto Fontoura 1401, Porto Alegre, RS, 90230-091, Brazil
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LinkedIn, Github

Date / Place of birth
2000-11-09, Porto Alegre

Nationality
Brazilian

Driving license
International CNH A

Skills

Adaptability

Creativity

Problem Solving

Communication Skills

Teamwork

Leadership

Mentorship

Research

React

JavaScript

TypeScript

NextJS

Node JS

Python

Large Language Models

Machine Learning

Fine-Tuning

Prompt Engineering

Data Science

Languages

Portuguese
▬▬ ▬▬ ▬▬ ▬▬ ▬▬

English
▬▬ ▬▬ ▬▬ ▬▬ ▬▬

Profile

Energetic and Enthusiastic Software & AI Engineer, with expertise in LLMs and SW development, known for creativity, eagerness to learn, and innovative problem-solving in AI, SW and research projects.

Employment History

Founder, CEO, QueRy Mobile, Porto Alegre

February 2019 — December 2020

At just 18, I founded QueRy, driven by my passion for innovation and software development. This startup was the beginning of my career, highlighting my ability to identify market gaps and develop impactful solutions. Despite my commitment to QueRy, I chose to shelf the project and embrace a new opportunity at Compass.UOL during the pandemic.

Full-stack Developer, Compass.uol, Porto Alegre

October 2020 — November 2021

At Compass.UOL, I immersed myself in full-stack development, collaboratively crafting digital solutions for major international and Brazilian companies like Santander, Pi Investimentos, Toro Investimentos, Sicredi, and Madeira Madeira. This role significantly enhanced my technical expertise, alongside introducing me to leadership skills, laying the groundwork for tackling increasingly complex challenges in my career.

Software Engineer, Poatek & WillowTree, Porto Alegre

December 2021 — May 2023

Starting as a Software Engineer at Poatek, I quickly gained recognition for my strong communication and presentation skills, trusted consistently to represent the company in client demos, corporate meetings, and public talks. My role not only involved showcasing our latest innovations and sharing project successes and strategies, but leading teams and working with data science teams in research and innovation projects.

This consistent impact and skill demonstration led me to be the first Poatek employee to contribute to the establishment of WillowTree's (Poatek's Parent Company) AI research and development division, helping set strategic and technological directions in artificial intelligence.

AI & Data Software Engineer, Poatek & WillowTree, Porto Alegre

April 2023 — October 2023

Spanish

As a pioneer in Poatek's venture into artificial intelligence, I had the honor to be the first employee to join and thus co-found the WillowTree's AI research and development team. My engagement in AI discussions led to this pivotal role, being a result of my consistent engagement and initiative in AI-related discussions within the company. I established myself as a go-to expert in LLMs and GAI tools, contributing significantly to the team's foundational knowledge and strategic direction.

My contributions extended beyond technical expertise to include leadership and mentorship, cultivating a collaborative atmosphere for innovative AI research and application in software. My role was crucial in driving the early success and direction of Poatek's and WillowTree's AI initiatives, marking a significant milestone in my career.

Education

Bachelor in Software Engineering, Pontifical Catholic University of Rio Grande do Sul, Porto Alegre

January 2018 — January 2020

Dropped out due to the program's pace and content not being future-oriented neither future-proof. Pursued self-taught studies in software development, with self-taught independent learning.

Bachelor in Innovation and Business Administration , Pontifical Catholic University of Rio Grande do Sul, Porto Alegre

February 2020 — December 2022

Graduated with the second highest grade in the 2022/2 class, achieved the second best score in PUCRS' 2022 ENADE simulation, and was noted for impactful work and proposals for changes in the degree program.

Certifications & Courses

Generative AI with Large Language Models, Coursera

July 2023 — July 2023

Microsoft Certified: Azure AI Fundamental (AI-900) , Microsoft

August 2023 — August 2023

Innovation and Entrepreneurship Expert Certification, PUCRS

March 2021 — July 2022

Extra-curricular activities

Soccer Team Captain, João Paulo I- High School, Porto Alegre

2015 — 2017

Mentor, Front-End Mentorship at Poatek, Porto Alegre

2022

Lead Developer, Gramado Summit - Hackathon, Gramado, RS

2023

Mentor & Speaker for AI & LLMs , Poatek, Porto Alegre

2023

Guest Speaker, TECNOPUC and Events, Porto Alegre
2023

Guest Speaker, Inaugural Lecture, UNISINOS, Porto Alegre
2023

References

Renato Vicente from University of Sao Paulo (USP), WillowTree, Poatek, Experian
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