GL / SOFTWARE ENGINEER

Guilherme Lopes de Souza

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SUMMARY

I have been programming since I was 13. Today I am Tech Lead and Senior Back-end Developer at Salespace, where I lead the technical team on architecture decisions and code reviews, design the AWS infrastructure and keep coding APIs, integrations and AI features. Before that, I was a mid-level developer in BTG Pactual's offshore division.

EXPERIENCE

Salespace · Tech Lead and Senior Back-end Developer — Sep 2024 – present

B2B sales platform connecting brands, sales representatives and retailers.

- Lead the team technically and act as the reference for architecture decisions.
- Design and evolve the architecture on AWS, using Step Functions, SQS, SNS and EventBridge, and maintain the infrastructure as code in CDK and SAM.
- Build APIs and integrations with external systems in TypeScript and Node.js.
- Build AI and LLM features inside the platform.

BTG Pactual · Back-end Developer (mid-level) — Feb 2023 – Sep 2024

Outsourced role in the bank's offshore division.

- Built internal products and client-facing products for the offshore operation.
- Automated business processes.
- Built integrations between internal and partner systems.
- Maintained infrastructure as code with AWS CDK and SAM, plus the deployment pipelines.

Softable · Intern → Junior Back-end Developer — Nov 2021 – Feb 2023

Custom software for clients such as Lupo, Votorantim and Saint-Gobain.

- Built custom systems for clients across industries, growing from intern to junior developer.
- Built REST APIs, both serverless and server-based, consumed by web and mobile applications, and integrated them with third-party services such as payment providers.
- Modeled relational and NoSQL databases, using TypeScript, Node.js and AWS (Lambda, Step Functions, S3, RDS).

Yadaa · Apprentice — Feb 2018 – Oct 2021

Programming school for children aged 7 and up.

- Taught logic, programming and robotics classes to children.
- Designed lessons and produced digital content for the courses.
- Helped build the school's internal systems.

EDUCATION

Postgraduate degree in Applied AI Engineering · UNIPDS — Sep 2026 – 2027 (expected)

Technology degree in Systems Analysis and Development · IFSP · São Carlos campus (Brazil) — 2021 – Aug 2026

SKILLS

Languages	TypeScript, Node.js
AWS	Step Functions, SQS, SNS, EventBridge, CDK, SAM
Data	DynamoDB, PostgreSQL, Elasticsearch, Redis
Delivery	Docker, Kubernetes, GitHub Actions, CI/CD
AI	LLMs and applied AI features

LANGUAGES

Portuguese (native) · English (advanced)