Guilherme Lage da Costa

Software Engineer

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Skills

Java | Spring Boot | Spring Batch | Python | AWS | AWS Lambda | AWS SQS | AWS SNS | AWS Glue | Spark | PySpark | Amazon DocumentDB | SQL | NoSQL | AWS S3 | Git | CI/CD | Jenkins | JUnit | Datadog | Terraform | Linux | Docker | Angular | TypeScript | Microservices | Frontend | Backend | Full-stack | English, Portuguese – *Both at a professional level or above.*

Experience

NTT DATA Europe & Latam TESTE   Remote

Senior Backend Developer   08/2025 – current

- Developed and orchestrated microservices processing over 10 million financial transactions daily using Spring Boot, AWS SQS, SNS, Amazon DocumentDB and Datadog;

- Implemented ETL pipelines to process approximately 1 million operations per day using AWS Glue, Spark, Python, S3, Glue Catalog, Lambda, and SQS;

- Optimized a contract draft recommendation system using AWS Lambda and Python, achieving response times under 2 seconds through function warm-up and multi-level caching strategies.

Dti Digital   Remote

Full-stack developer   01/2025 – 07/2025

- Engineered automated document processing system with Spring Batch and Java 17, slashing monthly workload by 95% and saving more than 20 staff hours per month;

- Migrated legacy systems from Java 6 to new architectures in Java 17, upgrading systems that handled 200 transactions per day to over 2,000 per minute;

- Optimized SQL and PL/SQL queries, reducing database load by 50% and decreasing average execution time from 14 hours to 7 hours.

Full-stack developer intern   11/2023 – 12/2024

- Collaborated on implementing a secure microservices infrastructure in AWS, contributing to API Gateway integration and centralized logging configuration.

4MTI   Belo Horizonte, MG

Backend intern   08/2023 – 09/2023

- Developed automated web crawlers processing over 10,000 records daily, including a specialized solution that generated R$ 20,000 in revenue for a key client, using PHP, PostgreSQL, and Puppeteer;

Education

Pontifical Catholic University of Minas Gerais   Belo Horizonte, MG

Bachelor's degree in Software Engineering   08/2022 – 08/2026

Postgraduate in Project Management   11/2020 – 11/2021

Bachelor's degree in Civil Engineering   02/2015 – 06/2020

Licenses & Certificates

System Administration I (RH 124)   Red Hat, 10/2023

Google Cloud Skills Boost   Google, 03/2023