Ewerton de Souza

Senior Backend & Data Engineer

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SUMMARY

Hi, I am Ewerton, a Lead Engineer with over 7 years of experience in architecting and scaling complex data and AI platforms from the ground up. I specialize in the intersection of backend development and data engineering, transforming business requirements into robust, production-ready systems on GCP and AWS. Mentoring developers and driving projects from concept to deployment, I am passionate about solving complex data challenges and building the infrastructure that powers intelligent products. Guided by my faith in God, I strive to build technology responsibly and create tools that have a lasting impact.

EXPERIENCE

EY

ey.com | Tax & Accounting | Mar 2026 - Present

Senior Backend Developer

Building a tax compliance reporting platform for EY's tax practice, turning raw partner and investment data into K-1s, K-3s, and state tax reports.

- Shipped over a dozen new report types in under six months.
- Designed a feature-flag system for safe, incremental rollouts.
- Built a two-lane job queue to speed up report processing.
- Led a full migration to Python 3.12 while keeping a 74-report async pipeline reliable for real client deadlines.

Stagwell

stagwellglobal.com | Marketing | Apr 2024 - Feb 2026

Lead Back-end Engineer (Code & Theory)

As the founding Lead Backend Developer, I architected and scaled this enterprise AI platform from the ground up, leading a team of senior engineers to build a robust, production-ready system on Google Cloud Platform.

- Architected a Scalable AI Engine using Python, FastAPI, and LangGraph with RAG and multi-tenant vector search.
- Engineered an Enterprise-Grade Backend on GCP with SQLAlchemy and Pydantic.
- Led Security & Team Operations (JWT, SSO/Okta, RBAC) and mentored a team of 8 senior developers.

Senior Data Engineer (Stagwell Marketing Cloud)

I pioneered the company's secure data collaboration strategy by designing and implementing a fully automated, multi-cloud data pipeline for AWS, GCP, and Snowflake.

- Architected a Multi-Cloud Ingestion & Processing Framework for scalable and secure data sharing.
- Built a Serverless Automation Engine on AWS using Glue, Lambda, and Step Functions.
- Implemented Secure Analytics with Snowflake Clean Rooms enabling privacy-preserving joint insights.

Morsum

dotfoods.com | Food | May 2023 - Apr 2024

Senior Back End Developer

Responsible for scaling the platform's core API and data pipeline infrastructure in the foodtech space.

- Developed and scaled the primary Python/Flask REST API.
- Architected the company's data processing framework using Apache Airflow for all automated ETL pipelines.

DashFi dash.fi Financial Institutions
Oct 2021 - May 2023

Senior Data Engineer

Worked on a B2B credit card company for digital ad spending.

- Created fast, secure REST APIs with FastAPI.
- Built ETL pipelines for internal dashboards using GCP BigQuery and Looker Studio.
- Maintained Apache Airflow server with CI/CD for DAGs.
- Developed predictive statistical models for spending data.

CERC cerc.com Financial Institutions
May 2021 - Oct 2021

Big Data Engineer

Maintained data pipelines and infrastructure for one of Brazil's main receivables registers.

- Maintained Python and Java/Kotlin data pipelines.
- Implemented solutions using Docker, Kubernetes, Airflow, Hadoop, Spark, and Dataflow.
- Optimized queries in Spanner and BigQuery.

BeGrowth begrowth.com.br Marketing
May 2020 - May 2021

Data Engineer

Built data infrastructure for an AdTech startup.

- Created Data Lake & Warehouse using Google Cloud BigQuery.
- Orchestrated Ads data (Facebook, Google) using Airflow.
- Wrote Python (Pandas/Numpy) scripts for data merging.
- Managed Ads accounts and improved ROAS through A/B testing.

EDUCATION

USP - Universidade de São Paulo
2021 – 2022

Master in Business Administration (MBA), Data Science and Analytics Grade: 99/100

Gained a strong foundation in analytical and data skills, with a focus on applying them within a business context.

Skills: Google Cloud Platform (GCP), Data Engineering, and more.

PUC Minas
2021 – 2022

Graduate Degree, Computer Software Engineering Grade: 93/100

Agile methodologies and processes, such as Scrum and Kanban, which are commonly used for software development and project management.

Skills: Software Architecture, DevOps, Agile.

PUC Minas
2014 – 2019

Undergraduate degree, Chemical Engineering Grade: 85/100

Gained a strong understanding of the principles of chemical engineering, including thermodynamics, kinetics, transport phenomena, and reactor design.

Skills: Chemical Processes, Thermodynamics, Optimization.

LANGUAGES

Portuguese ★★★★★ Native

English ★★★★★ Full professional proficiency

French ★★★☆☆ Intermediate

Spanish ★★★☆☆ Intermediate

PRODUCTS I BUILD

aiomover aiomover.com

Web Applications

Move your files anywhere, instantly

The ultimate cloud migration tool for personal and business use. aiomover makes it simple to transfer files between cloud storage providers securely and efficiently. Whether you're backing up data, migrating to a new provider, or synchronizing across platforms, aiomover handles it all.

Lightning Fast Transfers | Bank-Grade Security | Simple Interface

BUILT WITH Python · FastAPI · PostgreSQL · Next.js · TypeScript · Google Cloud

questao questao.com.br

Web Applications

Master national exams, one question at a time

An AI-powered EdTech platform designed to help students prepare for the national exams. With years of real exam questions, gamified learning, live rankings, and personalized AI tutoring, questao makes studying engaging and effective.

AI-Powered Learning | Gamified Experience | Connect with Peers

BUILT WITH Python · FastAPI · PostgreSQL · Next.js · TypeScript · Vertex AI

Harpa Cristã Google Play

Mobile Apps

Six Brazilian hymnaries, always in your pocket

A modern Android reader bringing together six of Brazil's most-used Christian hymnaries in one app. Fast full-text search across every hymn, offline-first lyrics, favorites, and on-demand audio playback make it easy to find and sing along to any hymn, anywhere.

Cross-Book Search | Offline-First Hymns | Audio Playback

BUILT WITH Kotlin · Jetpack Compose · Room · Hilt · Android · Material 3

TECHNOLOGIES & SKILLS

PROGRAMMING LANGUAGES

Python	★★★★½
SQL	★★★★½
JavaScript	★★½
Bash	★★½
Java	★★
PHP	★★
R	★★
MATLAB	★★

DATABASES

MySQL	★★★★
PostgreSQL	★★★★
BigQuery	★★★★
Spanner	★★★½
ElasticSearch	★★★
CDC	★★½
MongoDB	★★
Redis	★★

DATA SCIENCE & ML

Pandas	★★★★½
NumPy	★★★★½
Matplotlib	★★★★
Seaborn	★★★½
TensorFlow	★★★
Scikit-learn	★★½
statsmodels	★★
PyTorch	★★

BIG DATA & PROCESSING

Apache Spark	★★½
Hadoop	★★½
Apache Beam	★★½

WEB DEVELOPMENT

HTML	★★★★★
CSS	★★★★★
FastAPI	★★★★★
Flask	★★★★½
Bootstrap	★★★★½
Node.js	★★★☆☆
Django	★★½☆☆
React.js	★★☆☆☆
NextJS	★½☆☆☆

DATA ENGINEERING

ETL	★★★★★
Data Lakes	★★★★½
Data Warehouses	★★★★½
Database Modelling	★★★★½

CLOUD PROVIDERS

Google Cloud	★★★★★
AWS	★★★☆☆
Snowflake	★★½☆☆
Microsoft Azure	★★☆☆☆

CONTAINERIZATION

Docker	★★★★★
Kubernetes	★★½☆☆

DEVOPS & CI/CD

GitHub Actions	★★★½☆
Jenkins	★★☆☆☆

VERSION CONTROL

Git	★★★★½
GitHub	★★★★½
GitLab	★★½☆☆

DASHBOARDING

Looker Studio	★★★★☆
Power BI	★★½☆☆
Redash	★★½☆☆

AGILE

Jira	★★★★☆
Scrum	★★★★☆
Confluence	★★★½☆

ORCHESTRATION

Apache Airflow	★★★★☆
Zapier	★★★☆☆

TESTING FRAMEWORKS

Pytest	★★★½☆
unittest	★★★½☆
Selenium	★★★☆☆
TDD	★★★☆☆

LOGGING

Cloud Logging	★★½☆☆
New Relic	★★☆☆☆

SOCIAL & SEARCH ADS

Facebook Ads	★★★☆☆
Google Ads	★★★☆☆
Google Analytics	★★½☆☆
Google Ad Manager	★★½☆☆

OPERATING SYSTEMS

Windows	★★★★☆
Linux	★★★★☆

AI TOOLING

Vertex AI	★★★★☆
Claude Code	★★★★☆
GitHub Copilot	★★★☆☆
Factory AI	★★★☆☆