

Gonçalo Gago

Site: www.goncalogago.pt | Portugal, Lisbon | +351 910 345 356 | goncalogago@gmail.com | LinkedIn: [linkedin.com/in/goncalo-gago](https://www.linkedin.com/in/goncalo-gago)

Professional Experience

Deloitte

Lisbon, Portugal

Tech Consultant | Data & AI

Jun 2023 – Present

- Delivered projects for large-scale, industry-leading organizations in **Data Governance**, **Data Engineering**, and **Data Analytics**, providing tailored, data-driven solutions using modern tools and methodologies.
- Rolled out and optimized **Collibra** for catalog, governance, **lineage orchestration** and workflow automation, leveraging **REST APIs** (Python/Java) to streamline metadata ingestion.
- Designed and deployed end-to-end **ETL data pipelines** and integration flows using **SQL Server**, enabling automated data ingestion and transformation for KPI monitoring and downstream visualisation in **Power BI** and **MicroStrategy**.
- Developed **custom JavaScript visualizations**, enhancing data representation and interactivity beyond native chart.
- Optimized **data pipeline loading process** using **Python**, reducing manual effort and enhancing operational performance.
- Applied **Agile methodologies** with **Jira**, **Git**, and **Confluence** to ensure cross-functional alignment and timely delivery.

Miles in the Sky

Lisbon, Portugal

AI Course Developer

Apr 2023 – May 2023

- Built an **AI-powered course generation** tool integrating **OpenAI APIs** with Python to automate content creation.

Autoeuropa Volkswagen

Palmela, Portugal

Logistics Planning Intern

May 2022 – Nov 2022

- **Analyzed** operational data from 120 Automated Guided Vehicles using Qlik Sense dashboards to optimize logistics.
- **Identified underutilized robots** and proposed reallocation strategies, improving production efficiency.

Novo Banco

Lisbon, Portugal

Engineering Intern

Feb 2020 – Mar 2020

- Supported corporate IT and data management functions, improving **SQL** and **Excel** processes for reporting.

Education

ISEG Executive Education – University of Lisbon

Lisbon, Portugal

Postgraduate in Applied Artificial Intelligence & Machine Learning

Mar 2024 – Feb 2025

- Practical program focused on real-world applications of AI and machine learning, fully implemented using **Python**.
- Covered supervised and unsupervised learning, deep learning, model evaluation, data preprocessing, and tools.
- **Final project:** Designed and developed a **Custom Chatbot** for a real company, including the training of an NLP model.

Nova School of Science and Technology – FCT NOVA

Lisbon, Portugal

Integrated Master's in Electrical and Computer Engineering

Oct 2017 – Mar 2023

- Integrated knowledge of electrical systems, automation, computing, and core computer engineering fundamentals.
- **Thesis:** Data analytics of intra-logistics process planning for automated guided vehicles in the automotive sector.

AGH University of Science and Technology

Kraków, Poland

Erasmus Exchange

Sep 2021 – Feb 2022

- Completed 4th year of MSc as an exchange student, gaining academic and intercultural experience.

Keyser High School

West Virginia, USA

High School Diploma

Aug 2016 – Jun 2017

- Completed 12th grade through AFS exchange program in the U.S., improving English and intercultural skills.

Certifications

MicroStrategy Developer & Departmental Analyst (2025)

AWS Certified Cloud Practitioner (2023)

Collibra Solution Architect Certification (2023)

Qlik Data Analytics Certification (2023)

Personal Projects & Activities

AI Assistant & Portfolio Website: Built an interactive CV-aware AI assistant using OpenAI models with RAG on Supabase/pgvector, semantic search and document ingestion pipelines, plus Whisper V3 speech-to-text integration on a Next.js portfolio.

Crypto Market Analysis – Personal Project (Ongoing): Using Python to process 200+ hours of crypto price data, building a tool that retrieves Binance data, analyzes coin pair correlations, and computes indicators like z-score and hedge ratio.

Exchanges and International Camps: *Village in Norway*, *Interchange in Iceland*, *Step Up in Luxembourg*

Volunteer: *Missão País*, *Just a Change*, *Banco Alimentar*, *Projeto +*

Skills

Programming: Python, SQL, VBA, Java, JavaScript, HTML/CSS, Groovy

Languages: English (Fluent), Portuguese (Native), Spanish (Elementary)

Tools/Platforms: Microstrategy, PowerBI, Qlik Sense, AWS, Airflow, Spark, Postman, Git, Excel, Collibra, huggingface, Confluence, Jira