Gonçalo Gago

Portugal, Lisbon| +351 910 345 356 | goncalogago@gmail.com| LinkedIn: 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.
- Implemented and optimized Collibra for metadata management, cataloging, governance, lineage and workflow automation, leveraging **Java**, **Python** & Collibra **REST APIs** to streamline metadata ingestion, boosting efficiency.
- 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

- Development of automated courses using **AI**, with **Python** scripts integrated with the OpenAI **API**.
- Personalized learning experiences and increased user engagement through automated content optimization.

Autoeuropa Volkswagen   **Palmela, Portugal**
Logistics Planning Intern   May 2022 – Nov 2022

- **Analyzed** intra-logistics data from the AGV fleet using **Qlik Sense** dashboards to support operational decision-making.
- **Identified inefficiencies** and recommended reallocation of an unused robot to a production line, optimizing resources.

Novo Banco   **Lisbon, Portugal**
Engineering Intern   Feb 2020 – Mar 2020

- Gained practical experience in corporate IT and data management while improving **Excel** and **SQL skills.**

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 to answer domain-specific questions. Demonstrated the application of LLMs in business use cases.

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

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, Databricks, Confluence, Jira