

Ines Gahlouzi

Senior Data Engineer

Spain | inesgahlouzi111@gmail.com | +216 44 381 050 | LinkedIn | Portfolio | GitHub

Professional Experience

Senior Data Engineer | Technical Lead — Multiverse Computing (2025–Present)

- Led the technical design and implementation of the company's AI Data Platform, defining the end-to-end data architecture supporting AI benchmarking, governance, and model metadata services.
- Designed a layered PostgreSQL architecture inspired by Medallion principles, separating RAW ingestion from curated analytical datasets.
- Architected production ETL pipelines to ingest, validate, normalize and transform AI benchmark data into canonical data models.
- Designed relational schemas, APIs and backend data services supporting Model Zoo, Data Governance and Alignment Platform.
- Built deployment-ready pipelines across Dev, Test and Production environments with governance and validation standards.
- Developed Grafana dashboards to monitor ETL execution, platform health and business KPIs.
- Provided technical leadership, driving architecture decisions and engineering standards.

Technologies: Python, SQL, PostgreSQL, Django, AWS S3, Docker, Kubernetes, Celery, REST APIs, Grafana, GitLab CI/CD

Data Consultant — KARTOSA (Sep 2023–2025)

- Designed cloud-native ETL pipelines using BigQuery, Airflow and Cloud Composer, reducing processing costs by 20%.
- Developed scalable SQL transformations, data models and governance processes.
- Built Azure Data Factory pipelines and Azure Functions for healthcare data integration and FHIR migration.
- Developed Power BI dashboards and CI/CD pipelines.

Technologies: GCP, BigQuery, Airflow, Azure, Azure Data Factory, Python, SQL, Power BI

Data Engineer — The Quantic Factory (Feb 2023–Jul 2023)

- Built BigQuery data pipelines, API integrations and analytical datasets.
- Developed Power BI dashboards and statistical analyses.

Education

Engineering Degree – Data Engineering & Decision Support Systems

National School of Electronics & Telecommunications of Sfax (2023)

Preparatory Cycle – Mathematics & Physics

IPEIS (2020)

Certifications

Google Cloud Professional Data Engineer • Google Cloud Associate Cloud Engineer • Microsoft Azure AI Fundamentals • Microsoft Azure Data Fundamentals • Apache Airflow Fundamentals • TOEIC (C1)

Technical Skills

Languages: Python, SQL, Scala, R

Data Engineering: ETL, Data Modeling, PostgreSQL, BigQuery, PySpark, Airflow, Cloud Composer, Azure Data Factory

Cloud: GCP, Azure, AWS

Infrastructure: Docker, Kubernetes, Git, GitLab CI/CD, Celery

Backend: Django, REST APIs

Visualization: Grafana, Power BI, Tableau, Metabase

Languages: English (C1), French (Fluent)