

JESÚS MUÑOZ GONZÁLEZ

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DATA ENGINEER — DATA PLATFORMS · CLOUD · PYSPARK · AIRFLOW

+34 618601324 | Spain | Open to Remote

PROFESSIONAL SUMMARY

Data Engineer with 4+ years of professional experience designing, modernizing, and optimizing data pipelines and data platforms across cloud and big data environments. Strong hands-on experience with **Python, SQL, PySpark, Apache Airflow, and dbt**, combining data engineering and analytics engineering practices to build reliable, scalable, and maintainable data solutions. Experienced in technically leading large-scale ETL migrations and delivering end-to-end solutions across **data processing, modeling, APIs, and analytics**, with current experience in **Azure, Databricks, testing, CI/CD, and AI-assisted development**.

SKILLS

- **Data Engineering:** Python, SQL, PySpark, Apache Airflow, ETL/ELT, Data Pipelines, Distributed Processing, Workflow Orchestration
- **Analytics Engineering:** dbt, SQL, Data Modeling, Data Marts, BigQuery, Looker
- **Cloud & Data Platforms:** Azure, AWS, GCP, Databricks, BigQuery, Athena, HBase, Apache Kafka, DynamoDB
- **Development & Engineering:** FastAPI, REST APIs, AWS Lambda, Docker, Git, Bash, CI/CD, Testing
- **Databases & BI:** PostgreSQL, Oracle, MySQL, MongoDB, DuckDB, Power BI, Apache Superset
- **Languages:** Spanish (Native), English (B2)

EXPERIENCE

Data Engineer

NTT DATA Europe and Latam

May 2023 – Present

Remote, Spain

- **AXA Seguros:** Developing enterprise data engineering solutions using **Azure, Databricks, and PySpark**, with a focus on automated testing, CI/CD, and engineering quality. Working with **Copilot skills and AI workers** focused on code generation and AI-assisted development.
- **Servicio Canario de Salud:** Designed and implemented **80–100 production ETL pipelines** using **Apache Airflow, PySpark, and Stratio**, processing datasets ranging from tens to hundreds of GB on a daily basis and improving data quality, workflow control, and processing performance.
- **Moeve:** Developed **6–8 serverless microservices** with **Python and AWS Lambda** for an internal data portal used by multiple teams, integrating **DynamoDB, Athena, and CloudWatch** and exposing data capabilities through REST APIs.
- **CaixaBank:** Developed the final data consumption layer by building **4–5 data models and dashboards** using **BigQuery and Looker**, enabling internal teams such as operations, performance, and business reporting to monitor key KPIs and support data-driven decisions.
- **Junta de Andalucía:** Developed and optimized **5–6 large-scale ETL pipelines** using **PySpark and HBase**, processing hundreds of GB in micro-batches and reducing end-to-end ETL processing time by approximately **60%** through pipeline and technology optimization.
- **Cabildo de Tenerife:** Technically led the migration of **150–180 ETL pipelines** from **Pentaho Data Integration to Apache Airflow**, improving execution performance, scalability, and workflow maintainability by approximately **80%**.

Business Intelligence Developer

cdmon

June 2022 – December 2022

Remote, Spain

- Designed, developed, and maintained ETL workflows using **Apache Airflow**, improving data quality, reliability, and automation for internal reporting processes.

- Built interactive reports and dashboards with **Apache Superset**, enabling internal teams to monitor operational and business KPIs and support data-driven decision-making.
- Refactored legacy APIs and optimized backend code, reducing API response times by approximately **40%** and improving scalability for future integrations.

CERTIFICATIONS

dbt Analytics Engineering Certification , dbt	Sep 2026
Microsoft Certified: Azure Data Engineer Associate , Microsoft	Dec 2023
Professional Data Engineer , DataCamp	Sep 2024
Google IT Automation with Python , Coursera	Aug 2024

EDUCATION

Degree in Computer Engineering , UCLM University	2011 – 2016
Data Science Bootcamp , Neoland School	Sep – Dec 2021