SB

CONTACT

EMAIL
sergio.barranco92@gmail.com

PHONE
+34 692 533 696

LINKEDIN
linkedin.com/in/sergiobarranco

PORTFOLIO
sergiobarranco.com

MODE
Remote

AT A GLANCE

9+ years in data

7+ teams led

×4 Azure certified

MSc Big Data & Data Science

TECHNICAL STACK

AWS

Glue · Lambda · ECS · S3 · RDS · Athena · IAM cross-account · Secrets Manager · CloudFormation · CloudWatch

Azure

Databricks · Synapse · Data Factory · Data Lake Gen2 · Delta Lake · Key Vault · Azure ML · Azure DevOps

Data & Code

dbt · PySpark · Python · SQL · T-SQL · Scala · Dremio · Truedat · Semantic layer · Ontology · Kafka · BigQuery

Leadership

Team management · Hiring · Mentoring · Agile · Scrum · Roadmaps · Stakeholders · GenAI delivery

Sergio Barranco Rodríguez

Data Engineering Manager & Technical Lead

AWS & Azure Data Platforms · dbt · Databricks · PySpark · Data Governance

Open to Data Engineering Manager / Technical Lead roles — remote

PROFILE

Data engineering leader with 9+ years building and scaling cloud-native data platforms across retail, IKEA and enterprise environments.

I sit at the intersection of hands-on architecture and team leadership: I own a multi-account AWS data platform end to end and lead the people who build it.

Earlier I built Azure lakehouses (Databricks, Synapse, Data Factory, Delta Lake) and started out in BI at Visma and Avanade.

EXPERIENCE

Data Engineering Manager · Technical Lead

2026 – now

Cognizant · Energy-sector client · remote

- Multi-account AWS platform: cross-account IAM, Secrets Manager and a layered lake (Landing · Staging · Business).
- dbt ELT orchestrated with AWS Glue; Lambda and ECS workflows; Athena, S3 and RDS; CloudFormation and CloudWatch.
- Governance and lineage with Truedat, self-service analytics with Dremio; leads hiring, mentoring and agile delivery.
- Works with semantic layers and ontology to model business concepts consistently across the platform.

Project Lead · Generative AI

2024 – 2026

Cognizant · Team management · remote

- Led a team delivering GenAI, clustering, classification and computer-vision projects end to end.
- Built AWS ingestion pipelines (dbt, Glue, Lambda, ECS, S3, Athena) feeding GenAI and ML initiatives.
- Defined use cases with stakeholders, set engineering standards and mentored junior developers.

AI Learning Officer · Team Lead

2024

Cognizant · Trainer of a 10-person team

- Trained and led 10 professionals delivering AI solutions and good programming practices.
- Designed training modules and masterclasses; personal development plans; main client contact.

Senior Data Engineer · Technical Lead

2022 – 2024

Cognizant · European retailer · Azure

- Designed the Azure architecture end to end: Databricks, Synapse, Data Factory, Data Lake Gen2, Key Vault.
- Layered lakehouse (Raw → Bronze · Silver · Gold, star schema) with Delta, PySpark and Scala.
- Scrum with direct client contact in an international team working daily in English.

Sergio Barranco Rodríguez

Data Engineering Manager & Technical Lead

EARLIER EXPERIENCE

Data Engineer
2021 – 2022

IKEA · Multi-cloud · Azure + GCP

- Pipelines on Azure (Data Factory, Databricks, Synapse) and GCP (BigQuery, Cloud Functions).
- Kafka streaming ingestion plus Power BI and Tableau dashboards for the business.

Business Intelligence Developer
2019 – 2021

Visma · International team · Agile

- ETL with SSIS feeding data warehouses and data marts; reporting with SSRS and SSAS.
- Azure Data Factory pipelines, Blob Storage and Data Lake; CI with Azure DevOps and TFS.

BI Analyst
2018 – 2019

Avanade · Málaga

- Advanced SQL, SSIS ETL with CUBE and ROLLUP, SSAS models and SSRS reports.
- First steps in Big Data under Agile/Scrum.

Software Engineering
2018

ISD Ibérica · Building automation

- Programmed smart-building automation logic with TREND, KNX and WEINTEX.

EDUCATION & CERTIFICATIONS

CERTIFICATION
Microsoft Certified: Azure Fundamentals
Microsoft · 2020

CERTIFICATION
Microsoft Certified: Azure Data Fundamentals
Microsoft · 2022

CERTIFICATION
Microsoft Certified: Azure Data Engineer Associate
Microsoft · 2023

CERTIFICATION
Microsoft Certified: Azure AI Fundamentals
Microsoft · 2024

MASTER'S DEGREE
Big Data & Data Science
Universidad Autónoma de Madrid

COURSE
The Project Management Course: Beginner to PROject Manager
Udemy

DEGREE
Telecommunications Engineering

LANGUAGE
English · C1 level

This CV is also a 3D office you can walk around:

sergiobarranco.com