

Manel Dueñas Triguero

Lead / Principal Data Engineer

Spain (EU)

Open to remote

✉ mduenast94@gmail.com

in [manel-dueñas-triguero-857b1414b](https://www.linkedin.com/in/manel-dueñas-triguero-857b1414b)

Summary

Senior Data Engineer with a strong background in designing and scaling cloud-native data platforms on AWS. Currently acting as Head of Data, combining hands-on technical leadership with full ownership of data architecture and platform evolution. Specialized in lakehouse architectures, automation, streaming, and governance, delivering reliable data platforms with measurable business impact. Experienced in operating complex data systems in regulated and high-scale environments.

Experience

Sep 2023 – **Head of Data / Lead Data Engineer**, *Fintonic*, Remote (Spain)

- Present
 - Led the design and delivery of a fully cloud-native, serverless AWS data lakehouse, replacing a legacy platform with high technical debt.
 - Architected scalable batch and real-time ingestion pipelines using AWS Glue, DMS, and Kinesis.
 - Implemented data governance, quality, and metadata management as first-class concerns using OpenMetadata and AWS Glue Data Quality.
 - Designed an event-driven orchestration layer with AWS Step Functions and EventBridge.
 - Built highly observable data workflows with end-to-end monitoring and alerting using Datadog.
 - Defined dimensional data models consumed in Amazon Redshift and visualized through Amazon QuickSight.
 - Established infrastructure as code and CI/CD practices using Terraform, Ansible, and GitLab CI/CD.

Apr 2022 – **Senior Data Engineer**, *Capgemini*, Remote (Spain)

- Sep 2023
 - Acted as technical lead across multiple enterprise clients (Carrefour, Repsol, AXA), designing and delivering scalable data engineering solutions.
 - Coordinated end-to-end data processes including ingestion, quality, enrichment, modeling, and governance.
 - Led data engineering teams for pricing and analytics platforms in complex enterprise environments.
 - Contributed to the evolution of global data platforms with a focus on architecture, automation, and reliability.

Jun 2021 – **Senior Data Engineer**, *StratioBD*, Remote (Spain)

- Mar 2022
 - Technical lead for the pricing data domain of a large retail client, ensuring data quality and scalability.
 - Designed and maintained business-critical data pipelines for price management and simulation.

Feb 2020 – **Data Engineer**, *Accenture*, Hybrid (Spain)

- Jun 2021
 - Contributed to big data platforms in pharmaceutical and financial domains, migrating systems to AWS.
 - Designed a reusable and parametrizable data integration framework for analytics.

Jun 2019 – **Data Engineer**, *GFT Technologies*, On-site (Spain)

- Feb 2020
 - Built real-time ingestion and streaming pipelines for banking platforms using Kafka and Spark Streaming.
 - Operated in regulated financial environments with strict data quality requirements.

Aug 2018 – **Data Engineer**, *Minsait*, On-site (Spain)

- Jun 2019
 - Developed distributed data processing pipelines for event-driven electrical consumption monitoring systems.

Education

2014 – 2018 **BSc in Computer Engineering**, *University of Lleida*

Skills

Cloud & Data Amazon Web Services (AWS), Microsoft Azure

Data Eng Apache Spark, Apache Iceberg, AWS Glue, Amazon Redshift, Databricks, Hadoop ecosystem

Streaming Apache Kafka, Spark Streaming, AWS Kinesis, AWS EventBridge

Modeling Dimensional modeling (star schema), Data Lakehouse architectures, Amazon QuickSight, Power BI, Amazon Athena

DevOps Terraform, Ansible, GitOps, CI/CD pipelines, GitLab CI/CD, AWS Step Functions, AWS MWAA

Languages Scala, Python, Java, SQL

Governance Data governance, data quality, OpenMetadata, AWS Glue Data Quality, Datadog