

Jorge Terceros

Data Engineer — Cloud Data Pipelines — Real-Time Systems

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★ Professional Profile

Data Engineer with 4+ years of experience designing, building, and optimizing scalable data pipelines across cloud platforms (AWS, GCP, Azure). Specialized in real-time streaming, ELT workflows, and modern data stack tools like dbt, Airflow, Snowflake, and Spark. Adept at transforming raw data into structured, actionable assets for analytics, ML, and BI systems. Strong focus on performance, automation, and data quality.

⚙️ Technical Competencies

- **Cloud Data Warehousing:** Snowflake, BigQuery, Redshift
- **Pipeline Orchestration:** Apache Airflow, dbt, Prefect
- **Data Ingestion:** Kafka, Snowpipe, AWS Glue, Azure Data Factory
- **ETL/ELT Frameworks:** Python, SQL, Spark, Pandas
- **DevOps for Data:** Docker, Git, Terraform, CI/CD
- **Cloud Platforms:** AWS, Azure, GCP
- **Data Quality & Monitoring:** Great Expectations, custom validation

👥 Soft Skills

- **Problem-Solving:** Analytical mindset with a focus on delivering practical solutions.
- **Collaboration:** Experience working in cross-functional Agile teams.
- **Communication:** Ability to explain complex technical concepts to non-technical stakeholders.
- **Adaptability:** Thrives in fast-paced, dynamic environments.
- **Attention to Detail:** Ensures data accuracy and system reliability.

📁 Professional Experience

2022–2023 **Data Engineer — FinTech Data Platform (Freelance), Remote**

- Built ELT pipelines using **Python** and **dbt** to load and transform financial data in **Snowflake**.
- Used **Snowpipe** and **Snowpark** to automate ingestion and transformation of 15M+ daily records.
- Connected Snowflake with **AWS S3** and applied RBAC policies for secure data access.
- Created internal dashboards using **Streamlit** for KPI reporting and anomaly detection.
- Technologies: Snowflake, Python, dbt, Streamlit, Git, AWS S3.

2021–Present **Data Engineer & AI Specialist, Upwork (Freelance), Remote**

- Designed and implemented scalable ETL pipelines using Apache Spark and Airflow, processing 10M+ records daily.
- Automated data workflows using **AWS Glue** and **Lambda**, reducing processing time by 40%.
- Technologies: Python, Apache Spark, Airflow, AWS, Kafka.

2016–2018 **Junior Data Engineer**, *Innovative Tech Solutions*, Remote

- Built and maintained data pipelines for e-commerce platforms, handling 1M+ transactions daily.
- Supported the migration of on-premise databases to AWS Redshift, reducing query times by 50%.
- Technologies: Python, SQL, AWS, Pandas.

Credentials

- **Google Cloud Professional Data Engineer** (2022)
- **AWS Certified Data Analytics – Specialty** (2023)
- **Microsoft Azure Data Engineer Associate (DP-203)** (2021)
- **Apache Spark Certified Developer** (2021)

Academic Background

2016–2020 **BSc Computer Science**, *UNED*, Spain

- Focus: Data Engineering, Machine Learning, and Distributed Systems.
- Thesis: "Scalable Data Pipelines for Real-Time Analytics."

Key Projects

- **Snowflake ELT Platform**: Designed ELT pipeline with dbt and Snowpipe; transformed 15M rows/day for BI analytics.
- **Real-Time Data Ingestion System**: Kafka + Spark pipeline to detect anomalies in streaming events.
- **Data Lake on AWS**: Unified structured/unstructured data in S3, enabling multi-team analytics and governance.
- **Customer Segmentation Model**: Used clustering to increase marketing ROI by 35% (cross-functional demo project).