



Bruno Vieira

Data Engineer

I have been working in the data field for over 8 years and have experienced several paradigm shifts and technological advancements that this area provides: from a fully on-premises ecosystem to moving into the cloud, working with Data Warehouses, Data Lakes, Data Lakehouses, and, more recently, Data Mesh architectures. Skilled in data modeling, data integration, and architecting scalable data ecosystems on cloud platforms such as AWS and Azure. Proficient working with data lake architecture, and leveraging big data tools to handle large-scale data pipelines, having worked with the 2 biggest players in the big data world: Databricks and Snowflake.

Experience

2024 - Present

Capitole Consulting - Mapfre | Spain Cloud Solutions Engineer

Main tasks:

- Act as the primary point of contact for MAPFRE Brazil and Peru on the global data reference architecture.
- Evaluate, analyze, and validate new data projects and Cloud components in AWS cloud
- Provide expert advice on best practices, address queries, and guide development efforts for data engineering pipelines.
- Oracle On-premises migration to the cloud with CDC (DMS).
- Performed data anonymization and de-anonymization at scale to support privacy compliance and analytical use cases
- Ensured data access governance by evaluating use cases and configuring group-based permissions (Lakeformation and Snowflake)
- Worked with CI/CD pipelines to execute and monitor deployment processes(Jenkins, Terraform, CodeBuild, CodePipeline, Bitbucket and etc.)

2022 - 2024

Capitole Consulting - ManoMano | Spain Senior Data Engineer

Main tasks:

- Development of data pipelines for analytical purposes and also for integration between systems regarding sellers and traffic data.
- Development using: AWS and Google Cloud as clouds, Airflow as an orchestration tool and Snowflake as an analytical, data processing and storage solution.
- Work with Git, CI/CD, and version control to maintain code and documentation
- Work with diverse data sources with special attention to Google Analytics data (version 3 and 4) focusing on the optimization of large volumes of data in the order of terabytes per month.

2021 - 2022

Z-tech part of Anheuser-Busch Inbev | Brazil Data Engineer

Worked in Z-Tech's data team, initially focusing on data from Beesbank, a Brazilian fintech, and later on data from Sihay, a Mexican fintech, both of which were part of Z-Tech

Main tasks:

- Translate business needs into quantitative queries
- Build scalable databases using SQL and Spark in Databricks
- Orchestration of workflows using Airflow.
- Data anonymization and cataloguing.
- Data integration with CRM platforms (Zendesk and Hubspot)

2018 - 2021

Klabin | Brazil Data Engineer Intern and Data Engineer

Main tasks:

- Create data pipelines using Lambda, S3, Redshift, RDS, Aurora and Pentaho.
- work with the data sources: Oracle, SQLServer and SAP BW.
- Power BI governance and infrastructure, in addition to basic training courses for the employees.
- Create data pipelines using Integration Services (SSIS) and Kettle (Pentaho)
- Work with the data sources: SQL Server, My SQL, SAP BW, SAP ECC, OSI PI, S3 and Redshift.
- Configuration and deployment of Spotfire and TDV Servers
- Development of analyzses using Spotfire and Power BI BI tools.

Contact

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Education

2017

Bachelor in Science and Technology UFABC - Santo André/ Brazil

2019

Instrumentation, Automation and Robotics Engineering UFABC - Santo André/ Brazil

Skills

- Azure and AWS
- Python and SQL
- Airflow
- Snowflake
- Databricks
- Apache Iceberg

Certifications

- AWS Certified Cloud Practitioner
- Azure Data Engineer Associate
- SnowPro Core Certification
- DAG Authoring for Airflow

Language

English

Spanish

Portuguese