

Arthur Ferreira Reis

Brazilian, married, 34 years

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<https://arthurfr23.github.io/portfolio/en/>

Summary

Data & AI Engineer | 4x Databricks Certified | 5x Azure Certified | Azure | Databricks | AI

Data professional with 5+ years of experience across the full data lifecycle, with a growing focus on Data Engineering and AI. Skilled in defining and implementing data platforms, governance frameworks, and data products that generate measurable business value.

I currently work at AMBEV, acting as an interface between the local and global teams. I am involved in automations projects, using GenAI, creating multi-agent systems and data engineering projects.

Proven track record in data platform strategy and implementation for Brazilian and U.S. companies, including U.S. government organizations. Experienced in cross-functional collaboration, stakeholder alignment, and fostering data-oriented cultures within organizations.

Certified in Databricks (Data Engineer Professional, Data Engineer Associate, Spark Developer and Data Analyst Associate) and Azure (DP700, DP750, AZ-900, DP-900, AI901), with hands-on experience in AWS.

Certifications

- Databricks Data Engineer Professional
- Apache Spark Developer
- Databricks Data Engineer Associate
- Databricks Certified Data Analyst Associate
- DP-750
- DP-700
- DP-900
- AZ-900
- AI-901
- GCP Associate Cloud Engineer
- MongoDB for SQL Professionals

Main Experiences

Senior Data Engineer | AMBEV – March 2026 – Present

- Work on Data Engineering and AI projects with a focus on Databricks, GitHub, and Airflow.
 - Data pipeline maintenance in Databricks and Airflow
 - Migration and refactoring of Spark and SQL code
 - Creation of a multi-agent system to accelerate migration using Databricks Genie
 - Creation of a multi-agent system for PR reviews using OpenAI and GitHub Actions

Consultant Data Architect | Power Tuning – September 2025 – Present

- Supporting national and international data platform strategy and modernization projects.
 - Contributed to the strategic design and deployment of a Data Platform for a major Brazilian multinational using Microsoft Fabric and Databricks, aligning technical solutions with business and governance objectives.
 - Designed and deployed data workflows using Infrastructure as Code (IaC) through Azure Data Factory, ensuring scalable, maintainable, and auditable data pipelines.
 - Designed and deployed an entire Lakehouse and AI products using Databricks and Azure
 - Actuation like a external consultant and partner for several projects.

Data Engineer | Kumulus – May 2025 – September 2025

- Worked on data strategy, platform design, and implementation for international and national clients.
- Led data platform strategy and Lakehouse architecture design for a U.S.-based multinational, defining governance standards, data models, and platform structure aligned with client business goals.
- Contributed to data platform modernization and capability assessment for a U.S. government organization, working directly with international stakeholders to map data maturity and drive adoption.
- Designed and implemented Lakehouse solutions for two Brazilian companies, including data governance frameworks and data quality controls.
- Mentored and supervised junior Data Engineers, contributing to team topology definition and knowledge enablement.

Data Engineer | Paytime – April 2024 – May 2025

- Owned the company's end-to-end data strategy, covering infrastructure, governance, data quality, and analytics enablement from the ground up.
- Led the design and implementation of a Data Lakehouse (Databricks, Spark, SQL, MongoDB, AWS) as the foundation for scalable data products and self-service analytics.
- Established data governance practices, including data quality testing pipelines, documentation standards, and access control policies.
- Designed and delivered the company's first data products: interactive dashboards in Power BI providing actionable insights for business stakeholders.
- Implemented data services in AWS (S3, Lambda, Glue, IAM), supporting a secure and scalable data infrastructure.
- Defined data team roles, responsibilities, and collaboration practices, fostering a data-oriented culture and enabling data literacy across the organization.

Data Analyst | Piwi – September 2023 to March 2024

- Managed the company's end-to-end data strategy, from ingestion to analytics enablement, ensuring data quality and business alignment.
- Led the development of the company's Lakehouse on GCP, defining the data architecture strategy and enabling scalable data management.
- Designed and launched the company's first analytics data products using Looker Studio, enabling self-service data-driven decisions for business teams.
- Developed data extraction and cleaning pipelines using Python, SQL, and MongoDB to support accurate and timely reporting.
- Monitored key KPIs and delivered actionable insights aligned with strategic business objectives.
- Collaborated with the Product team on data literacy initiatives through study sessions and business presentations.

Data Analyst | State Department of Education – March 2022 to January 2023

- Supported data-driven decision-making for public educational policy through analysis of data from Indigenous, Quilombola, and Rural schools in Espírito Santo.
- Conducted data analysis and strategic reporting to inform educational policy decisions across multiple school segments.
- Produced educational resources and materials to support organizational adoption of data practices in public schools.
- Led training sessions and events for school staff, contributing to data literacy and institutional knowledge transfer.

Data Analyst | Federal University of Espírito Santo – March 2018 to November 2022

- Master's and PhD-level researcher focused on historical data analysis and social network modeling, applying quantitative and qualitative methods.
- Performed ETL on historical documents and built data pipelines using Python.
- Conducted social network analysis (Twitter) through API integration using Python.
- Built visualizations and dashboards in Power BI to communicate research findings to academic stakeholders.
- Conducted quantitative and qualitative analyses using R.

- Collected and organized data using SQL and Excel to support academic research; developed the website www.jornaisdaindependencia.com.br.

Education

- Bachelor's degree in computer science | 2023 – Present.
- MBA in Big Data | 2024
- PhD Degree in History | 2018–2022
- Master's degree in history | 2014–2015
- Bachelor's degree in history | 2011–2014.

Languages

Portuguese – Native.

English – Fluent.

Spanish – Fluent.