Leonardo Reis

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Summary

I'm a versatile technology professional with ~2 years of experience as a Data Engineer and over 2 years as a Software Engineer. Graduated from Unicamp, Brazil's top Computer Engineering university, with exposure to multiple technology areas such as game development, mobile/web development, cybersecurity, and machine learning. These experiences have built a strong foundation in problem-solving and self-learning, enabling me to quickly master new technologies and tackle challenges. Recently, I decided to focus my career on data, as it connects me to business challenges and drives my motivation to deliver valuable solutions. My recent work experiences have shown that I perform best in autonomous environments and have helped me strengthen stakeholder communication skills and lead end-to-end project development efficiently.

Skills

Programming Languages: Python, SQL, C, Java, JavaScript, Lua, Swift, ...
Cloud: AWS (Redshift, Lambda, Kinesis, S3, EventBridge, SNS, SQS, DynamoDB, API Gateway, QuickSight, ...), CDK, Pulumi.
Data Tools: Airflow, Databricks, dbt, Metabase, Fivetran, ...

Professional Experience

Flatiron Data & AI   ◉ New York, NY, US (Remote)   📅 mar. 2025 – present

- **Data Pipelines & Reliability & Scalability:** Owned the ELT stack (Postgres → Fivetran → dbt), transforming raw sources into clean, documented marts and snapshots with SCD2 history, partitioned incrementals, and idempotent backfills. Implemented dbt tests, CI enforcement, and table-level auditing (tracking inserts/updates/deletes), which surfaced system issues early, reduced reporting latency, eliminated manual processes, and increased overall trust and adoption of analytics across teams.

- **Analytics, Decision-Making & Communication:** Delivered decision-ready dashboards in Metabase with curated metrics for operations, product, and leadership. Enabled self-service access to data, accelerating decision-making and reducing dependency on the data team, while also strengthening communication skills through regular stakeholder alignment and translation of technical concepts into actionable insights.

- **Web Development (Internal Project):** Built Flatiron Data's internal website using React, Supabase, and AI tools (Lovable AI), creating a central platform that streamlined internal communication and resource management.

Tools: Postgres, Fivetran, dbt (snapshots, incrementals, SCD2, tests), SQL, Gitlab CI/CD, Metabase, React, Supabase DB, Lovable AI

VTEX - Data Engineer   ◉ São Paulo, SP, Brasil (Remote)   📅 feb. 2024 – mar. 2025

- Worked as a Data Engineer at VTEX, an international e-commerce back-end company and the largest in Brazil.

- **Data Pipelines & Automation:** Designed and implemented data ELT for our HRIS systems, building end-to-end pipelines. Automated data ingestion into our Data Lake and Data Warehouse. Transformed raw data into final reports and dashboards, delivering critical business insights. Enhanced observability by creating monitoring systems for these automations. Ensured maintainability by documenting processes, data tables, and applying unit tests.
  Tools: Redshift, Lambda, Kinesis, S3, EventBridge, QuickSight, Airflow.

- **Systems Integration:** Co-developed a scalable HRIS integration architecture for data consistency across HR systems. Led a technical research on Pulumi's IaC, establishing the foundation for the integration by defining best practices for project structure, development, and CI/CD. Also implemented the project's core module.
  Tools: API Gateway, Lambda, DynamoDB, and SQS.

- **Technical Leadership & Process Improvement:** Mentored the team on best practices, designed technical training sessions, and implemented a structured DevOps approach to improve data integrity and system stability.

Projects

Credit Scoring in Machine Learning

- At Unicamp, worked on a research project focused on transforming financial credit scoring into an ethical process using machine learning. Gained experience in data generation, outlier detection algorithms, decision trees, feature importance techniques, and addressing ethical challenges in credit scoring.

Academic Formation

Computer Engineering Bachelor   📅 jan. 2019 – dec. 2023
Unicamp (Universidade Estadual de Campinas)   - Best Computer Engineering university in Brazil

American High School   📅 2014 – 2016
Texas Tech University

Languages

🗣 Portuguese - Native   🗣 English - Advanced   🗣 Spanish - Intermediate   🗣 Japanese - Beginner

Voluntary Work

Distribution Commission Leader   📅 mar. 2023 – dec. 2023
Operação Natal - Unicamp

- At Operação Natal, led the team responsible for receiving, counting, and distributing donated products to supported institutions. Our team focused on automating processes, organizing members into shifts, and providing instructions for counting and distribution activities.