




# Leonardo Rodrigues

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## Skills

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- Python | Scala | Rust | Golang / Go | Shell Script | SQL | MSSQL Server | Hadoop Ecosystem | Hive | Git
  - Databricks | Azure | Cloud Computing | CI/CD | Unit Testing | OOP | Spark / PySpark | Linux | ETL / ELT | Big Data | Data Analysis
  - English, Portuguese
- All professional proficiency or above

## Experience

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### **Senior Data Engineer** Keyrus @ Pluxee *São Paulo, SP. Brazil* **10/2024 - Current**

- Engaged in the migration of large-scale processes from AWS to Azure, ensuring seamless operations of dashboards and data pipelines throughout the transition to support essential Analytics and Data Science functions critical to the business.
- Developed and managed advanced data algorithms utilizing PySpark, Scala, and Shell / Bash for processing complex datasets, optimizing data pipelines, and ensuring smooth integration across cloud environments. Emphasized the importance of operational continuity for critical business processes during the migration.
- Documented detailed project information including workflows, architecture, and specifications to maintain cross-team alignment, ensuring clear communication and transparency throughout the entire migration process.
- Leveraged SQL for efficient data manipulation, exploration, and deriving actionable insights. Managed and migrated datasets to new environments while guaranteeing consistency and integrity during the entire transition.
- Continuously optimized pipelines and datasets to adapt to evolving business requirements, enabling enhanced decision-making processes and smoother integration of data across platforms.

### **Senior Data Engineer** Keyrus @ Visa Inc. *São Paulo, SP. Brazil* **10/2023 - 10/2024**

- Engaged as a contractor for Visa Inc. on an international project, collaborating with teams based in Miami and India. Responsible for developing and managing large-scale data algorithms utilizing PySpark to efficiently process and transform vast datasets across multiple regions. Ensured the smooth flow of data between systems through the maintenance of complex data pipelines, supporting both batch and real-time processing.
- Spearheaded the creation of efficient, scalable data algorithms using PySpark to handle high-volume datasets, driving seamless data processing and transformation across global systems. Maintained extensive communication with teams based in India, Miami, and Mexico, operating exclusively in English.
- Played a key role in the integration of Continuous Integration / Deployment Pipelines, facilitating pull requests, code reviews, and load/stress testing within the Visa framework.
- Managed and optimized intricate data pipelines to ensure consistent data flow across environments, documented project specifications, process flows, and data requirements to ensure team alignment, leveraged SQL for data manipulation and exploration to generate insights for business decisions, and conducted data analysis and visualization to provide actionable insights to stakeholders while ensuring data integrity throughout the project lifecycle.

### **Senior Data Engineer** Black Raven *São Paulo, SP. Brazil* **10/2023 - Current**

- Being my own company, I helped clients to build scalable and efficient data pipelines, focusing on performance and security.
- Expertise in data architecture, system integration, and process optimization using technologies such as Hadoop, Spark, Scala, Azure and Python.

### **Mid level & Senior Data Engineer** Santander *São Paulo, SP. Brazil* **12/2021 - 10/2023**

- Participated in the design and development and maintenance of multiple enterprise-level applications for ETL/ELT using the latest technologies of Azure, Python, Spark, MS SQL Server, Hadoop Ecosystem, Git and Shell Script.
- The project consists of the creation, optimization and maintenance of ETL processes for the production of reports for internal use regarding private investments for and by the Bank.
- After almost a year working as a contractor at Santander, I was promoted. Following the same project, but taking more leadership to the responsibilities of the position and having a more active voice in the future improvements of the project.
- Continuous Integration / Deployment Pipeline Integration, pull requests, code reviews, load / stress testing.

## Education

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### **Bachelor of Data Science**

**Anhembi Morumbi University** *São Paulo, SP. Brazil* **01/2020 - 12/2023**

- Consistently maintained a 3.7 GPA throughout the course.
- Maintained as one of the best students of the course, being a reference for other students.

### **Advanced English Course**

**Wizard by Pearson**

*São Paulo, SP. Brazil*

**2016 - 2019**

- Consistently maintained as the best student.

## Others

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- **Invited Speaker:** As recognition of great work as a Google Tutor Student for leading the change and helping teachers and students to adopt new technologies in Sergio Buarque de Holanda School, one of the first schools to adopt the digital model of teaching in São Paulo, I was invited to talk about my experience at Google headquarters. I was later invited to be an Intern at the Education Technology branch. **(2019)**
- **Microsoft DP-203 | Azure Data Engineer Associate:** Expertise in designing and implementing data solutions, including the integration, transformation, and consolidation of structured, unstructured, and streaming data. Proficient in utilizing Azure services such as Azure Data Factory, Azure Synapse Analytics, and Azure Databricks to build and manage scalable data pipelines, ensuring efficient data storage, processing, and security. (85% Pass Score) **(10/2023)**
- **Microsoft DP-900 | Azure Data Fundamentals:** Proficiency in core data concepts, including data types, storage solutions, and data security, along with foundational knowledge of Azure data services such as Azure SQL Database, Cosmos DB, and Azure Data Lake. Skilled in querying data using SQL, managing data access, and applying basic data integration techniques for analytics. (77% Pass Score) **(08/2021)**