

LEONEL PARRALES

Data Engineer



Passionate and hardworking individual constantly seeking new challenges in life. Highly motivated to be part of the digital world and drive radical changes in companies.

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- Quito, Ecuador

EDUCATION

Universidad Politécnica Salesiana | 03.2017 – 03.2022

- Degree: Computer Science Engineer
- Specialty: Data Engineering, Programming

Universidad de los Andes (Colombia) | 01.2025 - Present

- Degree: Master's in Software and Data Engineering
- 2-Year Master's Program: Expected graduation date: November 2026.
 - University ranked #4 in Latin America according to QS World University Rankings.

WORK EXPERIENCE

Data Engineer, Devsu (Banco Pichincha) | 07.2025 – Present

Data Engineer specializing in end-to-end cloud data architecture on AWS. Expertise in building optimized data pipelines orchestrated with Apache Airflow, implementing Lakehouse systems (S3, Delta Lake), and executing large-scale processing (Spark, PySpark) alongside real-time streaming (Kafka, Flink). Focused on delivering reliable, actionable data to drive strategic business decisions.

Data Engineer, Produbanco | 07.2022 – 07.2025

Data Engineer specializing in end-to-end ETL pipeline design (raw to gold), strategic data delivery via REST APIs, and developing automated decision systems for credit scoring. Focused on process automation to reduce latency, while ensuring the highest standards of data quality, traceability, and regulatory compliance.

Software Development Engineer, Confiamed S.A. | 10.2021 – 07.2022

Full-Stack .NET Developer with deep expertise in C# and .NET Core, architecting clean and scalable backend systems. Specializes in business process automation and building robust SOAP/REST services for seamless integration, delivering end-to-end solutions from backend logic to functional frontend interfaces.

Data Engineer Intern, Banco Pichincha | 03.2021 – 09.2021

Proficient in transforming data into actionable insights through advanced Business Intelligence (interactive R Shiny dashboards, strategic data models) and large-scale data processing (optimized ETL/ELT pipelines). Skilled in the Microsoft ecosystem (SQL Server, SSIS, Azure Data Lake, Databricks) and cloud data solutions, utilizing PySpark and Scala for automated, scalable workflows.

Research Study Assistant, Universidad Politécnica Salesiana | 03.2021 – 09.2021

Cloud and Data Engineer with expertise in architecting secure, scalable environments on AWS (EC2, VPC) and managing robust data ecosystems (PostgreSQL/PostGIS, MySQL, MongoDB), including geospatial data and performance optimization. Skilled in creating clear technical.

SKILLS

- Python
- SQL
- PySpark
- Apache Spark
- Apache Flink
- Kafka
- Delta Lake
- ETL / ELT
- AWS
- Azure
- S3
- Databricks
- Data Factory
- Apache Airflow
- Grafana
- SSIS
- Data Lakehouse
- Data Warehouse
- Data Mesh
- Data Fabric
- CI / CD
- Backend Development
- Git
- Docker

LANGUAGES

- Spanish
- English
 - Certificate Cambridge English: B1 Preliminary (PET)
 - Certificate of Achievement EF International
 - Language Center Los Angeles. B1
 - Certificate of Completion King George International College Toronto.

CERTIFICATES

- Azure Data Engineer Specialization (Spark) | 06.2025
Focus: Data pipeline architecture, large-scale data processing with Spark and Delta Lake in Azure Databricks.
- Azure Fundamentals (AZ-900) | 09.2025
Solid foundation in Azure cloud services, security, and governance for cost-effective and secure designs.
- Generative AI Data Processing (Stratio) | 09.2025
Cutting-edge skills in applying Generative AI for data transformation and enrichment - a high-value competency.

REFERENCES

- Lenin Miño | Data Engineer, Produbanco
Cel.: +593 99 730 3145
- Adrian Delgado | Scrum Master, Payphone.
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