

PABLO VELÁSQUEZ

Guatemala, Guatemala city

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Professional Experience

FundThrough

Dec 2024 – Present

Senior Data Engineer

Guatemala (Remote)

- Led migration from **Luigi** to **Airflow**, optimizing orchestration efficiency and reducing operational budget by 10%.
- Implemented **AWS Zero-ETL** to replace legacy DMS, reducing **Redshift** workload by 40% and cutting support requests.
- Migrated 100% of **AWS Redshift** data jobs to **Databricks** using **PySpark** and **AI Agents**, resulting in a 50% reduction in costs and 60% increase in efficiency, helping company to save 48K USD per year.
- Automated scalable ETL pipelines in **Airflow**, eliminating 50% of manual tasks and significantly boosting team productivity.
- Architected a **Medallion Lakehouse** in **Databricks**, integrating **dbt** for automated QA and data testing; established robust data governance and end-to-end lineage, enhancing data reliability across all environments.

IntouchCX

May 2023 – Dec 2024

Data Engineer & Lead

Guatemala (Remote)

- Led a team of 5 developers and collaborated on the creation, management, and orchestration of data pipelines using **Apache Spark** with **Python** on **Databricks**, resulting in faster and more efficient decision-making.
- Developed and maintained data pipelines, integrating data from 10+ sources using **Python**, **SQL**, **Cloud Storage**, and **BigQuery** along with **dbt**, which reduced processing times by 95%
- Designed and developed a scalable **data architecture** on **Google Cloud Platform** using a batch data approach, for the entire North America Portfolio, expanding from 20 to 40+ active programs.
- Orchestrated **ETL** processes using **Airflow** for the North American portfolio, leading to efficiency and ease in maintaining over 80 jobs.
- Created impactful dashboards in **Tableau** and **Looker** for data reporting, extracting, interpreting, and analyzing data to identify key metrics and transform them into actionable insights.

Pacifiko

Aug 2022 – May 2023

Data Engineer & Software Developer

Guatemala (Remote)

- Developed **Python** and **Selenium** web scrapers for 5+ websites, automating data collection into **MySQL** and reducing manual effort by 80%.
- Built a mobile application with a **Spring Boot (Java)** and **JavaScript** backend, leading to a 30% increase in user engagement.
- Collaborated with Operations to design custom reporting dashboards using **R** and **Python** to track key performance metrics.

Skills

- Python — Scala — Java — **Salesforce** — SQL Server — PostgreSQL — Cloud Computing — Google Data Fusion
- Google Dataflow — Google Dataform — Google BigQuery — Google Cloud Storage — AWS RedShift — AWS Glue
- **Databricks** — **dbt** — **Medallion Architecture** — Snowflake — AWS S3 — Apache Airflow — Hive — HDFS
- Apache Kafka — Apache Beam — Google Pub/Sub — Data Analysis — Job Orchestration — Linux — Power BI
- Database Engineering — Web Scraping — Bash Scripting — ETL/ELT — Looker — Tableau — **AI Agents**

Education

Universidad Francisco Marroquín

Jan 2019 – Nov 2022

Bachelor of Science in Computer Science

Guatemala City, Guatemala

Certifications

Google Cloud Professional Data Engineer | Google Cloud

Jan 2024 - Jan 2026

Google Cloud Associate Cloud Engineer | Google Cloud

Nov 2023 - Nov 2025