

John Sebastian Cardona

Analytics Engineer | Data Engineering | Python · SQL · Data Pipelines · APIs

Medellin, Colombia | Miami, FL | Open to Remote

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PROFESSIONAL SUMMARY

Data professional with 4+ years of experience building and validating data pipelines across API-driven systems. Specialized in Python-based ETL processes, cross-system reconciliation, and data quality frameworks in healthcare and manufacturing environments. Strong foundation in SQL and Python, with hands-on experience integrating REST APIs, designing data models, and ensuring data reliability across systems. Background in Industrial Engineering brings a structured, process-driven approach to data systems.

TECHNICAL SKILLS

Languages	Python (pandas, requests, BeautifulSoup), SQL, SOQL
Data Engineering	ETL/ELT Pipelines, Data Modeling (Star Schema, Medallion), API Integration
Data Platforms & Tools	PostgreSQL, Snowflake, Salesforce, Google Cloud Platform, dbt, Postman
Workflow & Collaboration	Git, GitHub, GitHub Actions, Linux (CLI-based workflows), Jira, Agile/Scrum
BI & Analytics	Tableau, Power BI, Salesforce Dashboards, KPI Design, Data Storytelling

PROFESSIONAL EXPERIENCE

Data Analyst - API Integrations & Analytics *Jul 2024 - Present*

Third Way Health | Medellín, Colombia

- Designed and implemented Python-based ETL pipelines to automate cross-system reconciliation between EHR and Salesforce APIs, reducing manual QA effort by 60%.
- Built modular validation frameworks to ensure data consistency across location, provider, patient, and appointment entities, achieving 99% data accuracy.
- Led root-cause analysis of data synchronization issues across distributed systems, preventing downstream reporting failures.
- Standardized API integration validation workflows, improving scalability and reducing onboarding time for new partners.

Salesforce Analyst *May 2023 - Jul 2024*

Third Way Health | Medellín, Colombia

- Designed Salesforce dashboards and SOQL queries to track operational KPIs, enabling leadership to monitor real-time service performance across clinical workflows.
- Improved data consistency across multi-source healthcare datasets by enforcing validation rules, audit checks, and structured reconciliation processes.

- Translated business requirements into actionable reports for clinical and operations stakeholders, directly supporting data-driven decision-making.

Earlier Career

Cellar Lead & Production Operations - Brewers Collective, Miami FL (2019-2021): Forecasted inventory using spreadsheet-based trend models; tracked production KPIs for operational planning and waste reduction.

Quality Analyst - Bavaria SA (AB InBev), Medellín (2010-2018): Analyzed manufacturing quality datasets for ISO compliance; built KPI dashboards to improve quality indicators visibility and support continuous improvement initiatives.

DATA ENGINEERING & ANALYTICS PROJECTS

Olist Analytics Engineering - *Google Cloud Platform · BigQuery · dbt · GitHub Actions* - [View on GitHub](#)

- Built a cloud-based analytics platform using BigQuery and dbt, enabling scalable, analytics-ready data models.
- Developed and managed data workflows primarily via CLI tools (gcloud, dbt, GitHub CLI), simulating real-world engineering environments.
- Implemented modular dbt transformations (staging, intermediate, marts) with built-in and custom testing and documentation.
- Developed CI/CD workflows using GitHub Actions to automate runs and enforce code quality.

Olist Data Warehouse - *PostgreSQL · SQL · Python · Draw.io* - [View on GitHub](#)

- Designed and implemented a data warehouse from scratch using Medallion Architecture.
- Built ETL pipelines (SQL + Python) and a Star Schema model for analytical reporting.
- Documented data architecture, lineage, and quality processes; managed development via GitHub Projects.

EHR Integration Pipeline - *Python · REST APIs · SQL · Salesforce · GitHub* - [View on GitHub](#)

- Built an ETL pipeline to synchronize EHR and Salesforce data, improving completeness and auditability.
- Implemented modular validation logic for provider, patient, and appointment data.

EDUCATION & CERTIFICATIONS

B.Sc. Industrial Engineering - Politécnico Colombiano Jaime Isaza Cadavid, Medellín - 2015

Certifications

- CS50x: Introduction to Computer Science - Harvard / edX (2026)
- CS50P: Introduction to Programming with Python - Harvard / edX (2025)
- Databases for Data Engineering - Platzi (2024)
- Data Analysis with Python - Platzi (2023)
- Google Data Analytics Certificate - Coursera / Google (2022)

CORE COMPETENCIES

Data Warehouse & Analytics Engineering · ETL/ELT Pipelines · API Integration & Data Validation
Cloud & Modern Data Stack (BigQuery, dbt, CI/CD) · Data Modeling & Architecture
Data Quality & Reconciliation · Cross-functional Collaboration · Bilingual (English/Spanish)