

Leonardo Mullins

Data Solutions Architect

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SUMMARY

Data Solutions Architect with nine years of consulting and industry delivery across **Snowflake architecture**, **data engineering**, **analytics engineering**, full-stack applications, and executive reporting. Translates finance, operations, CRM, and supply chain needs into governed data platforms, **certified datasets**, KPI frameworks, secure APIs, and useful analytics products. Leads work from discovery and proof of concept through architecture, implementation, testing, enablement, deployment, and production support. Brings hands-on strength across SQL, Python, dbt, Fivetran, Airflow, Power BI, Sigma, REST, OAuth, React, FastAPI, Git, and CI/CD. Builds trust with client partners through clear decisions, practical recommendations, risk ownership, and steady communication. Enjoys coaching technical teams and helping clients replace manual reporting with dependable, actionable data.

EXPERIENCE

Principal Data Solutions Architect

Blue Mesa Data Partners 📅 June 2024 - Present 📍 Denver, CO

Directs Snowflake-centered finance, operations, and CRM programs across ingestion, transformation, semantic models, APIs, reporting, **client advisory**, and team development.

- Led **discovery workshops** that converted fragmented **reporting** into actionable architecture road maps.
- Established Snowflake warehouse strategies, RBAC patterns, and environment controls for production platforms.
- Guided a 12-person team through design, testing, deployment, and client enablement.
- Built FastAPI and React **proofs of concept** with OAuth and governed Snowflake access.
- Instituted **reconciliation**, lineage, freshness, and observability controls across certified KPI datasets.
- Coached developers through architecture reviews, **SQL** reviews, modeling reviews, and delivery planning.

Senior Data Architect

Canyon Peak Advisory 📅 January 2022 - May 2024 📍 Boulder, CO

Architected enterprise data platforms for six client programs, pairing Snowflake, analytics engineering, secure applications, reporting strategy, and delivery leadership.

- Architected six Snowflake programs using **dbt**, Airflow, Fivetran, REST, and dimensional models.
- Replaced spreadsheet metrics with governed **semantic layers** and certified reporting datasets.
- Designed ERP and CRM ingestion with schema evolution, incremental ELT, and reconciliation.
- Delivered a secure **FastAPI** and React application through Git and **CI/CD** gates.
- Advised sponsors on dashboards, **embedded analytics**, data products, and **operational reporting**.
- Managed estimates, risks, dependencies, escalations, and mentoring for four consultants.

Data Engineering and Analytics Lead

Redwood Harbor Systems 📅 July 2019 - December 2021 📍 Fort Collins, CO

Led data engineers and analysts building Snowflake reporting foundations, analytics services, KPI models, and delivery practices for finance, customer operations, and inventory teams.

- Migrated scheduled ETL workloads into **Fivetran**, dbt, and **Airflow** pipelines.
- Created dimensional models and KPI definitions across revenue, fulfillment, and inventory **reporting**.
- Tuned Snowflake warehouses through workload analysis, clustering reviews, and resource monitors.
- Developed **Node.js** and **Python** REST services with JSON, OAuth, logging, and validation.
- Coordinated requirements, testing, release notes, and enablement across three operating units.
- Led analysts and engineers through production readiness reviews and controlled releases.

Data Engineer

Pioneer Grid Technologies 📅 August 2017 - June 2019 📍 Colorado Springs, CO

Built SQL and Python data workflows for ERP and customer-service reporting, developing foundational skills across Snowflake, dbt, APIs, testing, governance, and audit readiness.

- Built SQL and Python ingestion workflows for ERP and service data.
- Implemented dbt models with primary-key tests, relationship checks, and exception tracking.
- Produced **Power BI** dashboards after validating KPI definitions and reconciliation totals.
- Developed Python and **JavaScript REST** components for authenticated CRM integrations.
- Used **Git** pull requests, peer reviews, automated tests, and controlled promotion.
- Documented source **lineage**, ownership, access requirements, and **SOX** reporting runbooks.

PROJECTS

Snowflake Analytics Product Accelerator 📅 2025

Partnered with engineers and client analysts on a reusable Snowflake analytics product, combining governed metrics, Streamlit workflows, data sharing, and executive reporting for faster demonstrations.

Enterprise Reporting Modernization 📅 2023

Worked with finance and operations partners to replace manual spreadsheet reporting with certified datasets, semantic models, Power BI dashboards, reconciliation checks, and clear ownership.

Secure Operations Data API 📅 2021

Collaborated with application and data teams on a REST service connecting operational systems with analytics-ready Snowflake data through OAuth, JSON contracts, logging, and tested deployments.

LEADERSHIP & AWARDS

- Client Impact Award, Blue Mesa Data Partners, 2025
- Architecture Excellence Award, Canyon Peak Advisory, 2023
- Outstanding Analytics Delivery Recognition, Redwood Harbor Systems, 2021

EDUCATION

Bachelor's Degree in Information Systems

Colorado State University 🎓 GPA: 3.7 📅 2017 📍 Fort Collins, CO

Coursework: Data modeling, database management, systems analysis, business intelligence, software development

CERTIFICATIONS

- SnowPro Advanced: Architect Certification 📅 2025
- ITIL 4 Foundation 📅 2023
- SnowPro Core Certification 📅 2022

TECHNICAL SKILLS

- **Snowflake Platform:** Snowflake, Snowpark, Cortex
- **Data Transformation:** dbt, SQL, dimensional modeling
- **Pipeline Engineering:** Fivetran, Airflow, ELT
- **Business Intelligence:** Power BI, Sigma, Tableau
- **Application Development:** React, Next.js, Streamlit
- **Backend Frameworks:** FastAPI, Flask, Node.js
- **API Integration:** REST, JSON, OAuth
- **Cloud Platforms:** AWS, Azure, GCP
- **Delivery Tooling:** Git, CI/CD, Docker
- **Infrastructure Tools:** Terraform, serverless, containers
- **Data Governance:** Lineage, observability, reconciliation
- **Security Controls:** RBAC, privacy, access controls
- **Compliance Standards:** SOX, GDPR, COBIT
- **Reporting Models:** Semantic layers, certified datasets, KPI frameworks
- **Software Quality:** Code reviews, automated testing, environment management

SKILLS

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|-------------|------------|-------------------|-------------------|
| • Snowflake | • Fivetran | • REST APIs | • RBAC security |
| • SQL | • Airflow | • Data modeling | • Data governance |
| • Python | • Power BI | • Semantic layers | • Client advisory |
| • dbt | • Sigma | • KPI frameworks | |

PROFESSIONAL AFFILIATIONS

- Data Architecture Mentorship Circle, Mentor, 2024 - Present
- Snowflake Community Denver, Technical Session Volunteer, 2023 - Present

- Colorado State University Analytics Association, Alumni Speaker, 2022 - Present

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST