**ROBERT METZKER**

740.953.0802• RMETZK@ME.COM

**SR. DATA ENGINEER • SR. ETL SPECIALIST**

Strategic Planner • Analytics Designer • Solutions Architect • Lead Programmer

Scalable Architecture • High Performance Pipelines • Large Scale Migrations • Data Centralization

**PROFESSIONAL EXPERIENCE**

OHIO BWC, Columbus OH (remote) Jan 2021 – Jun 2023

**ETL Specialist / Data Architect** – Data Warehouse

Large scale migration from on-premises databases to Snowflake cloud-based solution through the use of SQL, building and managing a dbt environment, developing jinja macros, Python scripts for extracting, standardizing and loading data. Through the combination of technology stacks, reduced the nightly batch to rebuild the entire data warehouse through CI/CD repositories.

* Lead developer and strategic partner to the ETL team to write Python scripts to do full extract, transform, load processes and validations between various systems allowing sunsetting of on-premises databases
* Architected database solutions for Tableau dashboards against various sources, both structured and unstructured data
* Created Snowflake stored procedures and various Python processes to audit cross-platform differences, and deltas between production and non-production environments
* Developed Python procedures to dynamically create incremental schemas and tables for entire databases to capture and track minute changes within Snowflake

NiSource, Columbus OH Apr 2019 – Dec 2019

**Data Architect**

Responsible for Data analysis to formulate business requirements and document strategy, and develop solutions and source to target mappings. Generated data profiling processes to help document data lineage and clarify data quality checkpoints.

* Designed documentation and presented information in Sprint Reviews and business-centric presentations for data analysis reviews through Jira managed tickets
* Provided critical information regarding data anomalies in transactional tables that both inaccurately reflected the data but also exposed potential PII data reducing audit risk

JP Morgan Chase, Columbus OH Apr 2003 – Jun 2017

**Vice President - Solution Architect**

Responsible for Data analysis to formulate business requirements and document strategy, and develop solutions and source to target mappings. Generated data profiling processes to help document data lineage and clarify data quality checkpoints.

* Designed and maintained Oracle and Teradata reporting environments that tracked multi-million dollar marketing campaigns across home lending, education and automotive business units against over 100 million customers on a daily basis
* Optimized various database reporting systems and performed large-scale enterprise migrations between Oracle, DB2 and Teradata and migrating from third-party solutions to internally controlled database systems.
* Thought-leader on database design and SQL coding best-practices to support Business Objects and Tableau and other reporting efforts

Acxiom, Conway AR 1998 – 2003

**Solutions Architect**

SAP Business Objects, San Jose CA 1993 – 1998

**Senior Technical Support**

**ADDITIONAL SKILLS**

**Skills**: Writing • Training / Mentoring • SQL • T-SQL • PL/SQL • Meta Data Management (MDM) • Unix, Windows, OS scripting

**Programming Languages:** Python • Java • Stored Procedures • VB Scripting

**Business Intelligence**: Cognos • SAP Business Objects • Tableau • SAS • SSRS • SSAS • SSIS • Oracle Hyperion • OBIEE • Power BI

Microstrategy •  Qlikview

**Performance Tuning**: Snowflake • Oracle • DB2 • Sybase • Teradata • Access

**Data modeling/ETL**: dbt (database tools) • Ab Initio • Informatica • Erwin • Oracle Developer • TOAD • Experian Pandora

Experian Aperture Data Studio • Oracle Modeler • Filemaker