

Matt Nicholson

Enthusiastic and curious engineer with a passion for database systems and data engineering.

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EXPERIENCE

Yum! Brands

Data Engineering Lead

Dec 2023 - Present (Remote)

- Expanded capabilities within our Snowflake data warehouse by designing and building ELTs for new data sources using Debezium, Kafka, and Snowflake tasks and streams.
- Refactored existing tasks and views, optimized clustering keys, and redesigned existing data models to reduce daily credit usage in Snowflake by roughly 40%.
- Created an alerting system by utilizing Snowflake's notification integration functionality to notify the data team of task failures and data irregularities, allowing for proactive issue resolution.

Optum, Inc.

Senior Engineering Manager

Oct 2022 - Dec 2023 (Remote)

- Managed a large, cross-functional team of data engineers, software engineers, and business analysts supporting multiple business areas.
- Oversaw the successful migration of multiple high-priority data assets from on-prem SQL Server to an Azure-hosted Snowflake environment, and all associated integration processes from SSIS to Azure Data Factory.

Senior Data Engineer

Feb 2021 - Oct 2022 (Remote)

- Led a data migration effort to transition all existing OptumCare supply chain data from on-prem SQL Server and disparate Excel spreadsheets to a unified Azure-hosted Snowflake environment.
- Designed and implemented a data capture strategy for a newly-onboarded procure-to-pay system, allowing for seamless integration with existing vendor and AP data from each of our care delivery organizations.

TOOLS/TECHNOLOGIES

Snowflake, PostgreSQL, SQL Server, Apache Kafka, Docker, Git, Terraform, Linux, AWS, Azure

LANGUAGES

Python, SQL, Go, Java, C, Bash

EDUCATION

B.S. in Mathematics
B.A. in Economics

Bellarmine University
Louisville, KY

Data Engineer

Feb 2017 - Feb 2021 (Remote)

- Built and maintained database objects in SQL Server and SSIS packages to support client reporting.
- Published reporting suites for various business lines and external clients using Tableau, Salesforce, and SSRS.

WhiteHardt, Inc.

Data Analyst

Jun 2016 - Feb 2017 (Nashville, TN)

- Automated data collection and transformation from marketing campaigns with Python and Crontab.
- Prepared client-facing reporting on various marketing campaigns using Tableau.

UBS Investment Bank

Corporate Actions Analyst

Mar 2015 - Jun 2016 (Nashville, TN)

- Processed the full lifecycle of elective corporate action events across multiple corporate entities.
- Supervised a team of 30+ offshore analysts responsible for the processing of mandatory corporate action events and dividend payments.