Morgan Williams

Building reliable data infrastructure at scale

Python • ETL • SQL • SQLMesh • DuckDB • AWS • Spark • Airflow • Linux

data@mrgnw.dev
morganwill.com/cal
github.com/mrgnw
linkedin.com/in/mrgnw

Experience

Data Engineering Consultant

National Care Dental
May 2022 - Present

Python • AWS • ETL • SQL • APIs • Mentoring

Designed and implemented data infrastructure and pipelines, enabling faster business operations and enhanced data insights while cutting costs significantly.

Transitioned legacy workflows to modern data pipelines, accelerating tasks by 100x to 1000x through automation, reducing multi-hour processes to seconds or milliseconds.

Mentored data analysts in Python and SQL, expanding their skills and capabilities, resulting in a substantial increase in productivity.

Senior Data Engineer

Persefoni
Aug 2021 - May 2022

Python • Databricks • ETL • SQL • GoLang

Implemented ETL processes pipelines in Databricks for a rapidly growing climate-change startup

Created API endpoints in GoLang, learning new tech & collaborating across teams to interface multiple services.

Documented & created new processes to onboard, train, and increase teammate productivity.

Software Engineer

Zelis Healthcare
Dec 2018 - Aug 2021

Python • Airflow • Flask

Created new ETL workflows in Airflow and optimized existing processing times up to 1000x.

Migrated multiple codebases to Python3.

Created Python APIs and internal web interfaces, empowering business users across teams to meaningfully interact with company data.

Education

Coding Bootcamp @ vschool.io   2014
Python + JavaScript

BA in Russian Language & Literature @ BYU   2014
minor in advertising communications