

Morgan Williams

Python • PostgreSQL • API Development • ETL • SQL • AWS • Linux •
GoLang • Airflow • Databricks • Spark

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Experience

Data Engineering Consultant

National Care Dental

Python • AWS • ETL • SQL • APIs • Mentoring

May 2022 - Present

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.

Created API endpoints to enable clients and third-party sources to interface with company data.

Senior Data Engineer

Persefoni

Python • Databricks • ETL • SQL • GoLang

Aug 2021 - May 2022

Implemented ETL data pipelines using PySpark capable of processing large datasets.

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

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

Software Engineer

Zelis Healthcare

Python • Airflow • Flask

Dec 2018 - Aug 2021

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

Migrated multiple codebases to Python3.

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

Projects

Real-Time Analytics Dashboard

Built a dashboard providing real-time insights from streaming data sources using Python and WebSockets.

Education

BYU BA in Russian Language & Literature 2014

Minor in Advertising Communications