Morgan Williams

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Skills   Python, SQL, ETL, AWS, Airflow, Databricks, PostgreSQL, APIs

Experience

Data Engineering Consultant at CGI   Mar 2025- Present

- Created custom AWS Lambda connector enabling new customers to connect, while ensuring 0 downtime for existing clients
- Modernized project deployment structure CI/CD pipelines to improve iteration speed and reduce CVE resolution time by 10x
- Provided ongoing production support and troubleshooting for data pipeline issues across 5+ enterprise client projects, leveraging CloudWatch monitoring and logging

Data Engineering Consultant at National Care Dental   May 2022- Present

- Architected modern data pipelines, replacing manual tasks that took hours of human labor to tasks that completed automatically in seconds.
- Created full-stack SAAS resources to enable our clients to integrate better with our product.
- Mentored data analysts in Python and SQL best practices, expanding their technical capabilities and establishing data quality standards and governance processes

Senior Data Engineer at Persefoni   Aug 2021- May 2022

- Implemented production-grade ETL pipelines in Databricks using Python and SQL for a rapidly growing climate-tech startup, applying solid engineering practices including testing and CI/CD
- Created scalable API endpoints in GoLang, collaborating across product and engineering teams to integrate multiple services and support business requirements

Software Engineer at Zelis Healthcare   Dec 2018- Aug 2021

- Created and optimized ETL workflows in Airflow, improving data processing performance by up to 1000x through efficient pipeline design and implementation
- Migrated multiple legacy codebases to Python3, significantly reducing maintenance and improving performance

Projects

Multilingual translator   anani.app

Translate to several languages at once using various backends: m2m language LLM, gpt, Google, deepl, etc.

Resume   github.com/mrgnw/cv

online CV with automatic PDF generation

Education

BA in Russian Language & Literature from BYU   2014

Coding Bootcamp from vschool.io   2014