

# Morgan Williams

morganwilliams@me.com | github.com/mrgnw | linkedin.com/in/mrgnw

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

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## Experience

**Data Engineering Consultant** at CGI Mar 2025- Present

- Created custom connectors for real-time data streams processing billions of records, with robust testing & cross-team communication to ensure changes meet requirements and keep 99.999% uptime
- Modernized project deployment structure CI/CD pipelines to improve iteration speed and reduce developer maintenance time, improving CVE resolution time by 10x
- Provided ongoing production support and troubleshooting for data pipeline issues across multiple enterprise client projects involving our ETL and data streaming platforms (AWS lambda, kinesis, Snowflake, PostgreSQL, CloudWatch, etc.)

**Data Engineering Consultant** at National Care Dental May 2022- Mar 2025

- 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, expanding their technical capabilities and establishing data quality standards and governance processes
- Consulted business to adopt third party solutions when buying was more effective than building - significantly reducing the need for valuable internal resources

**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](https://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