Morgan Williams

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

Skills

Python, API development, ETL pipelines, Data engineering, AWS, SQL, GoLang, Airflow, PySpark, Databricks, Python3 migration, Mentoring, Documentation, Automation, Data pipelines

Experience

Data Engineering Consultant, National Care Dental   May 2022 – Present

- Designed and implemented scalable data infrastructure and automated pipelines, accelerating business operations and cutting costs significantly.
- Transitioned legacy workflows to modern data pipelines, improving processing speed by 100x to 1000x, reducing multi-hour tasks to seconds or milliseconds.
- Created secure API endpoints enabling clients and third-party integrations to access company data efficiently.
- Mentored over 50 employees in Python and SQL, increasing team productivity by 40%.
- Developed comprehensive project documentation, reducing new hire onboarding time by 30%.

Senior Data Engineer, Persefoni   Aug 2021 – May 2022

- Implemented ETL pipelines in Databricks and PySpark to process large datasets, improving data processing efficiency by 60%.
- Developed API endpoints in GoLang to facilitate seamless integration across multiple services.
- Documented and streamlined onboarding and training processes, improving team ramp-up time.
- Mentored junior engineers, enhancing their technical skills and contributing to overall team success.

Software Engineer, Zelis Healthcare   Dec 2018 – Aug 2021

- Created and optimized Airflow ETL workflows, improving processing times up to 1000x and streamlining business processes.
- Migrated multiple legacy codebases to Python 3, enhancing maintainability and performance.
- Developed Python APIs and internal web interfaces to empower business users with secure data access.

Projects

Resume   github.com/mrgnw/resume

online CV with automatic PDF generation

Multilingual translator   ananas.xcc.es

Translate to several languages at once using m2m language LLM

TextMe   textme.cc

Send WhatsApp & Telegram messages to a phone number

Education

BYU — BA in Russian Language & Literature   2014

vschool.io — Coding Bootcamp   2014