

Morgan Williams

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Skills

Python, TypeScript, API development, AWS, Postgres, Data pipelines, ETL, Automation, Model evaluation, Mentoring, Documentation, GoLang, PySpark, Airflow

Experience

Data Engineering Consultant, National Care Dental

May 2022 – Present

- Designed and implemented scalable data infrastructure and pipelines that accelerated business operations and enabled faster data-driven decisions while ensuring data security.
- Automated legacy workflows, improving task speeds by up to 1000x, significantly reducing manual processing time.
- Created secure API endpoints to enable seamless data access for clients and third-party integrations, supporting external system interoperability.
- Mentored over 50 team members on Python and SQL, resulting in a 40% increase in productivity and adoption of best practices.
- Produced detailed project documentation and developer tutorials, reducing onboarding time for new hires by 30%.
- Led workshops on AWS, Python, and modern data engineering, fostering a culture of continuous learning and technical excellence.

Senior Data Engineer, Persefoni

Aug 2021 – May 2022

- Implemented ETL pipelines in Databricks and PySpark to process large climate data sets, increasing data processing efficiency by 60%.
- Developed API endpoints in GoLang to enable cross-service communication and integration, enhancing system interoperability.
- Documented onboarding and training processes, accelerating new team member integration and productivity.
- Mentored junior engineers to improve their technical skills, contributing to overall team success.

Software Engineer, Zelis Healthcare

Dec 2018 – Aug 2021

- Developed and optimized ETL workflows using Airflow, improving processing times up to 1000x and streamlining data operations.
- Migrated multiple legacy codebases to Python 3, enhancing maintainability and performance.
- Built Python APIs and internal web interfaces to enable secure and user-friendly access to company data across departments.

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

