

Morgan Williams

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Skills

Python, SQL, API Development, ETL, Data Pipelines, Automation, Mentoring, AWS, GoLang, Databricks, PySpark, Airflow, Legacy Code Migration, Web Interfaces, Cross-functional Collaboration, Documentation, Onboarding, Technical Leadership

Experience

Data Engineering Consultant, National Care Dental

May 2022 – Present

- Designed and implemented scalable data infrastructure and pipelines, accelerating business operations and enabling enhanced data insights while reducing operational costs.
- Automated legacy workflows, increasing processing speeds by 100x to 1000x and reducing multi-hour tasks to seconds or milliseconds, improving platform reliability and usability.
- Created secure API endpoints to enable clients and third-party integrations, enhancing data accessibility and interoperability.
- Mentored over 50 analysts and engineers in Python and SQL best practices, fostering a data-driven culture and increasing team productivity by 40%.
- Developed comprehensive project documentation and developer tutorials, reducing onboarding time by 30% and improving cross-team knowledge sharing.

Senior Data Engineer, Persefoni

Aug 2021 – May 2022

- Implemented scalable ETL pipelines using Databricks and PySpark, improving data processing efficiency by 60% for a fast-growing climate tech startup.
- Led development of API endpoints in GoLang, enabling seamless integration between multiple services to support complex data workflows.
- Documented and streamlined onboarding processes, accelerating new hire ramp-up and improving team productivity.
- Mentored junior engineers, enhancing technical capabilities and fostering a collaborative engineering environment.

Software Engineer, Zelis Healthcare

Dec 2018 – Aug 2021

- Developed and optimized ETL workflows using Apache Airflow, improving processing speeds by up to 1000x and increasing platform scalability.
- Migrated legacy codebases to Python 3, enhancing maintainability and performance of internal tools.
- Created secure Python APIs and internal web interfaces, empowering cross-functional teams with better data access and user experiences.
- Collaborated with business users to streamline processes and improve system usability, aligning technical solutions with operational goals.

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