

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