

# Morgan Williams

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**Skills** Python, API development, Data pipelines, ETL, AWS, Automation, Mentoring, Code documentation, Cross-team collaboration, GoLang, Airflow, SQL, Python3 migration

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## Experience

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**Data Engineering Consultant**, National Care Dental May 2022 – Present

- Designed and implemented data infrastructure and pipelines, accelerating business operations and improving data insights while reducing costs.
- Automated legacy workflows, improving task speed by 100x to 1000x and reducing multi-hour processes to seconds or milliseconds.
- Created secure API endpoints enabling clients and third-party integrations, facilitating data access and collaboration.
- Mentored over 50 employees in Python and SQL, increasing team productivity by 40%.
- Developed comprehensive project documentation, reducing onboarding time for new hires by 30%.
- Led workshops on AWS, Python, and modern data pipelines to foster continuous learning and technical excellence.

**Senior Data Engineer**, Persefoni Aug 2021 – May 2022

- Implemented ETL data pipelines in Databricks and PySpark, enhancing data processing efficiency by 60%.
- Created API endpoints in GoLang, enabling seamless integration between multiple services and cross-team collaboration.
- Documented onboarding and training processes, accelerating new teammate productivity.
- Mentored junior engineers, improving team technical capabilities and project delivery.

**Software Engineer**, Zelis Healthcare Dec 2018 – Aug 2021

- Developed and optimized ETL workflows in Airflow, improving processing times up to 1000x.
- Migrated legacy codebases to Python 3, improving performance and maintainability.
- Created Python APIs and internal web interfaces, empowering business users with secure data access.
- Streamlined business processes to improve cross-team efficiency and data accessibility.

## Projects

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**Resume** [github.com/mrgnw/resume](https://github.com/mrgnw/resume)

online CV with automatic PDF generation

**Multilingual translator** [ananas.xcc.es](https://ananas.xcc.es)

Translate to several languages at once using m2m language LLM

**TextMe** [textme.cc](https://textme.cc)

Send WhatsApp & Telegram messages to a phone number

## Education

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**BYU** — BA in Russian Language & Literature 2014

**vschool.io** — Coding Bootcamp 2014