

# Morgan Williams

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

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## Experience

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**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

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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