

# Morgan Williams

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## Skills

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Python, PostgreSQL, ETL, AWS, Data Security, Database Optimization, Cloud Infrastructure, Data Pipeline Development

## Experience

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

- Designed and implemented data infrastructure and pipelines, enabling faster business operations while ensuring data security
- Transitioned legacy workflows to modern data pipelines, accelerating tasks by 100x to 1000x through automation
- Mentored data analysts in Python and SQL, expanding their skills and capabilities
- Created API endpoints to enable secure data access for clients and third-party sources

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

- Implemented ETL data pipelines using PySpark capable of processing large datasets
- Created API endpoints in GoLang, collaborating across teams to interface multiple services
- Documented and created new processes to onboard, train, and increase teammate productivity

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

- Created new ETL workflows in Airflow and optimized existing processing times up to 1000x
- Migrated multiple codebases to Python3, including Airflow, Flask, and Celery applications
- Created Python APIs and internal web interfaces for secure company data access
- Led migration of BI team from MSSQL to PostgreSQL while maintaining MSSQL support during transition
- Implemented secure data pipeline from Salesforce to ERP system

## Projects

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

online CV with automatic PDF generation

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

Multilanguage translator

**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