

Morgan Williams

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Skills

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

Experience

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
- Implemented secure sales structure calculations using recursive SQL queries

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
- Developed secure data pipelines for processing market, currency, and regulatory data

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

Resume github.com/mrgnw/resume

online CV with automatic PDF generation

Ananas ananas.xcc.es

Multilanguage translator

TextMe textme.cc

Send WhatsApp, Telegram messages to a phone number

Education

BYU — BA in Russian Language & Literature 2014