Morgan Williams

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Skills

API development, Python, SQL, GoLang, ETL pipelines, Data engineering, Cloud infrastructure (AWS), Data pipeline automation, Mentorship, Documentation, Data security, Airflow, Databricks, PySpark, Python3 migration, Backend development

Experience

Data Engineering Consultant, National Care Dental   May 2022 – Present

- Designed and implemented secure data infrastructure and pipelines that accelerated legacy workflows by 100x to 1000x, enabling faster business operations and enhanced data insights.
- Created and maintained API endpoints to enable secure, scalable access for clients and third-party integrations, improving data interoperability.
- Mentored over 50 data analysts in Python and SQL, increasing team productivity by 40%.
- Developed comprehensive project documentation and developer tutorials, reducing onboarding time for new hires by 30% and enhancing internal knowledge sharing.
- Led workshops on AWS, Python, and modern data pipelines, fostering a culture of continuous learning and high ownership.

Senior Data Engineer, Persefoni   Aug 2021 – May 2022

- Implemented ETL pipelines using Databricks and PySpark, improving data processing efficiency by 60% for a fast-growing climate-change startup.
- Developed API endpoints in GoLang to facilitate seamless integration and communication between multiple internal services.
- Documented and streamlined onboarding and training processes, enhancing team productivity and reducing ramp-up time.
- Mentored junior engineers, strengthening team technical capabilities and collaboration.

Software Engineer, Zelis Healthcare   Dec 2018 – Aug 2021

- Created and optimized ETL workflows using Airflow, improving processing times up to 1000x and enabling scalable data operations.
- Developed Python APIs and internal web interfaces, empowering business users with secure and efficient access to company data.
- Migrated multiple legacy codebases to Python 3, enhancing system maintainability and performance.

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