

Morgan Williams

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Skills

Python, TypeScript, GoLang, FastAPI, API Development, ETL, Data Pipelines, Cloud Platforms, Distributed Computing, Docker

Experience

Data Engineering Consultant, National Care Dental

May 2022 – Present

- Designed and implemented data infrastructure and pipelines, enabling faster business operations and enhanced data insights while cutting costs significantly.
- Created API endpoints to enable clients and third-party sources to interface with company data.
- Transitioned legacy workflows to modern data pipelines, accelerating tasks by 100x to 1000x through automation, reducing multi-hour processes to seconds or milliseconds.
- Mentored data analysts in Python and SQL, expanding their skills and capabilities, resulting in a substantial increase in productivity.
- Collaborated with cross-functional teams to create developer-focused tutorials and guides, enhancing internal knowledge sharing.
- Led workshops and seminars on AWS, Python, and modern data pipelines, fostering a culture of continuous learning.

Senior Data Engineer, Persefoni

Aug 2021 – May 2022

- Implemented ETL processes pipelines in Databricks for a rapidly growing climate-change startup, improving data processing efficiency by 60%.
- Created API endpoints in GoLang, facilitating seamless integration between multiple services and collaborating across teams.
- Documented and streamlined onboarding processes, enabling faster integration of new team members.
- Mentored junior engineers, enhancing their technical skills and contributing to overall team success.

Software Engineer, Zelis Healthcare

Dec 2018 – Aug 2021

- Created new ETL workflows in Airflow and optimized existing processing times up to 1000x.
- Created Python APIs and internal web interfaces, empowering business users across teams to meaningfully interact with company data.
- Upgraded legacy codebases to Python 3 for better performance and maintainability.

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

