

# Morgan Williams

morganfwilliams@me.com | github.com/mrgnw

## Skills

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Python, Go, AWS, Linux, PostgreSQL, SQL, Docker, Microservices, RESTful APIs, gRPC

## Experience

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**Backend Software Consultant**, Tech Solutions Inc. Jun 2021 – Present

- Developed and maintained scalable RESTful APIs using Python (FastAPI) and Go (Gin Gonic), serving millions of users worldwide.
- Implemented microservices architecture with Docker and Kubernetes, improving system reliability and deployment speed.
- Optimized PostgreSQL database queries, reducing response times by 40%.
- Collaborated with cross-functional teams to design and integrate gRPC services for internal communication.

**Data Engineer**, Innovate Labs Sep 2018 – May 2021

- Built robust backend systems in Go and Python, enhancing application performance by 30%.
- Integrated AWS services (EC2, S3, Lambda) for cloud-based solutions, reducing infrastructure costs.
- Developed CI/CD pipelines with Docker and Jenkins, streamlining the deployment process.
- Ensured security and compliance by implementing OAuth2.0 and JWT authentication mechanisms.

**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.
- Created Python APIs and internal web interfaces, empowering business users across teams to meaningfully interact with company data.

## Projects

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**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

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**vschool.io** — Coding Bootcamp 2014

**BYU** — BA in Russian Language & Literature 2014