

Alex Fricker.

Backend & Financial-Systems Engineer

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I'm a backend engineer who likes working on financial systems: billing, revenue, and the reporting that has to tie out to the penny. These days I work on the financial systems at Myriad Genetics, in Python and SQL. Eleven years at the same company, where I started in data engineering and moved into software engineering.

TOOLBOX

Languages & data

Python SQL · T-SQL · PostgreSQL data-warehouse modeling ETL / ELT

Pipelines & cloud

workflow orchestration scheduled pipelines data reconciliation cloud infrastructure

Financial systems

revenue & subledger reporting prior authorization billing / invoicing data financial dashboards

How I work

end-to-end ownership automating toil error handling & retries first building from fuzzy specs

EXPERIENCE

Myriad Genetics

Aug 2015 – Present

Joined via Assurex Health (acquired by Myriad, 2016) — six roles, co-op to Senior Software Engineer.

Senior Software Engineer — Financial Engineering

Jun 2025 – Present

- Work on the financial-engineering systems — financial and revenue reporting — in **Python and SQL**.
- Design and maintain the data models and pipelines behind that reporting, with **reconciliation and correctness** as the priority.
- Own work end-to-end and put the effort into error handling, retries, and the edge cases that keep financial numbers correct.

Software Engineer III

May 2022 – Jun 2025

- Crossed the aisle from data engineering into software engineering — shipping data-intensive backend features end-to-end across the financial and operational domain.

Senior Data Engineer

Nov 2021 – May 2022

- Built and maintained the pipelines and warehouse models behind analytics and financial / operational reporting.

Data Engineering Manager

Sep 2019 – Nov 2021

- Led the data-engineering function — warehouse architecture, pipeline reliability, reporting infra across business units — then chose to go back to building with my own hands.

Business Intelligence Developer · Data Engineer III

Jul 2017 – Sep 2019

- Designed ETLs and enterprise data warehouses for reporting across multiple business units.
- Cut data-warehouse load time ~50%** with a pipeline redesign.
- Two 2018 company Impact Awards: Innovation, and Win as a Team (data-center migration + SQL Server upgrades).

MIS Co-op · Assurex Health

Aug 2015 – Jul 2017

- Kept data honest across company sources; built SSRS reports and back-end data for business teams.

EDUCATION

B.S. Computer Engineering — University of Cincinnati

2017

M.M. Music Performance — UC College-Conservatory of Music (CCM)

2015

B.M. Oboe Performance — University of South Carolina

2013

BEYOND THE TERMINAL

Recovering professional oboist and pianist. Two music degrees alongside the engineering one, principal oboe and pianist for multiple orchestras, English-horn soloist on a Naxos recording, and private-lesson teacher in oboe, sax, and piano. The one on the team who context-switches between Mahler and migrations — and yes, I have a strong opinion on pineapple pizza.