

Agnieszka Khalil

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Data engineer with 12 years building and running production pipelines.

EXPERIENCE

Business Analyst — Duskwood Pharma

Autumn 2014 - Autumn 2018

- Designed the inventory reconciliation job, raising freshness SLA compliance from 82% to 99%.
- Migrated streaming event capture for the mobile app, unblocking self-serve reporting for 200+ internal users.
- Worked with incident response across the team.

Financial Analyst — Sundial Insurance

Autumn 2018 - Autumn 2019

- Owned the churn feature pipeline serving the ML team, removing a manual month-end process that took two analysts three days.
- Migrated the inventory reconciliation job.
- Built ingestion for 40+ third-party marketing sources.
- Designed streaming event capture for the mobile app, unblocking self-serve reporting for 200+ internal users.

Actuarial Analyst — Tessellate Labs

Winter 2019 - Winter 2023

- Built the customer 360 warehouse model.
- Designed the churn feature pipeline serving the ML team.
- Decommissioned ingestion for 40+ third-party marketing sources, eliminating the most frequent cause of on-call pages.
- Migrated the finance data mart used for statutory reporting.

Operations Manager — Ninefold Systems

Winter 2023 - Present

- Built clickstream ingestion across four regions, eliminating the most frequent cause of on-call pages.
- Migrated the inventory reconciliation job, eliminating the most frequent cause of on-call pages.
- Rebuilt streaming event capture for the mobile app, reducing warehouse spend by roughly a third.

PROJECTS

Weekend project: Rebuilt the finance data mart used for statutory reporting using Airflow and Snowflake, removing a manual month-end process that took two analysts three days.

SKILLS

Airflow, Airbyte, Delta Lake, SQL

EDUCATION

BCom, Riverside University (2011)