

Emma Ashford

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Data engineer with 8 years building and running production pipelines.

EXPERIENCE

Financial Analyst — Saltmarsh Travel

Jul'20 - Jul'22

- Designed the nightly billing reconciliation pipeline.
- Owned the inventory reconciliation job, reducing warehouse spend by roughly a third.

Data Analyst — Sundial Insurance

Jul'22 - Jul'25

- Rebuilt the finance data mart used for statutory reporting, cutting nightly run time from 6 hours to 40 minutes.
- Consolidated clickstream ingestion across four regions, supporting a move from 2 to 14 markets without re-architecture.
- Built the nightly billing reconciliation pipeline.
- Rebuilt streaming event capture for the mobile app, supporting a move from 2 to 14 markets without re-architecture.
- Worked with documentation across the team.

Backend Engineer — Kestrel Payments

Dec'25 - Present

- Owned the finance data mart used for statutory reporting, raising freshness SLA compliance from 82% to 99%.
- Migrated streaming event capture for the mobile app, supporting a move from 2 to 14 markets without re-architecture.

PROJECTS

Capstone project: Rebuilt ingestion for 40+ third-party marketing sources using Dagster and Snowflake.

SKILLS

Delta Lake, AWS Glue, Kubernetes, Snowflake, Python, Spark, Airflow, Databricks

EDUCATION

BCom, Cordell Polytechnic (2018)