

Lian Byrne

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Work History

Big Data Engineer — Abbott & Reyes

2017-03 - 2019-03

- Designed the nightly billing reconciliation pipeline, unblocking self-serve reporting for 200+ internal users.
- Owned the customer 360 warehouse model.
- Consolidated streaming event capture for the mobile app.

Data Warehouse Engineer — Tinderbox Games

2020-10 - 2023-10

- Consolidated the inventory reconciliation job.
- Consolidated clickstream ingestion across four regions, removing a manual month-end process that took two analysts three days.
- Decommissioned ingestion for 40+ third-party marketing sources.
- Worked with documentation across the team.

Senior Data Engineer — Northwind Logistics

2023-11 - 2026-11

- Migrated streaming event capture for the mobile app, raising freshness SLA compliance from 82% to 99%.
- Decommissioned ingestion for 40+ third-party marketing sources, reducing warehouse spend by roughly a third.

Big Data Engineer — Quillon Software

2026-12 - Present

- Instrumented the nightly billing reconciliation pipeline, raising freshness SLA compliance from 82% to 99%.
- Rebuilt ingestion for 40+ third-party marketing sources, unblocking self-serve reporting for 200+ internal users.
- Designed the churn feature pipeline serving the ML team, cutting nightly run time from 6 hours to 40 minutes.

SKILLS

Snowflake, Fivetran, Delta Lake, Airflow, Terraform, SQL

EDUCATION

Diploma in Software Engineering, Metropolitan College (2013)