

# Layla Banerjee

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## EXPERIENCE

### Senior Data Engineer — Sundial Insurance

Sep'17 - Sep'18

- Owned the customer 360 warehouse model, raising freshness SLA compliance from 82% to 99%.
- Migrated the inventory reconciliation job, raising freshness SLA compliance from 82% to 99%.
- Owned the finance data mart used for statutory reporting.
- Owned the nightly billing reconciliation pipeline.
- Worked with data governance across the team.

### Big Data Engineer — Duskwood Pharma

Aug'18 - Aug'20

- Built the finance data mart used for statutory reporting, reducing warehouse spend by roughly a third.
- Instrumented the churn feature pipeline serving the ML team, unblocking self-serve reporting for 200+ internal users.
- Instrumented the nightly billing reconciliation pipeline, eliminating the most frequent cause of on-call pages.
- Consolidated the customer 360 warehouse model.
- Worked with cost optimisation across the team.

### ETL Developer — Pelagic Shipping

Jul'20 - Jul'23

- Instrumented the nightly billing reconciliation pipeline.
- Designed the customer 360 warehouse model, eliminating the most frequent cause of on-call pages.
- Consolidated the churn feature pipeline serving the ML team.
- Built ingestion for 40+ third-party marketing sources, raising freshness SLA compliance from 82% to 99%.
- Worked with on-call rotation across the team.

### Analytics Engineer — Sablefish Data

Jun'23 - Present

- Rebuilt the churn feature pipeline serving the ML team, supporting a move from 2 to 14 markets without re-architecture.
- Migrated clickstream ingestion across four regions.
- Built the customer 360 warehouse model, eliminating the most frequent cause of on-call pages.
- Owned streaming event capture for the mobile app, cutting nightly run time from 6 hours to 40 minutes.
- Worked with cost optimisation across the team.

## SKILLS

Python, Delta Lake, Flink, Terraform, AWS Glue, Databricks

## EDUCATION

Diploma in Software Engineering, Riverside University (2018)