

# Ayse O'Sullivan

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Teacher moving into data engineering. 11 years in healthcare, self-taught in AWS Glue, Snowflake, Delta Lake over the last two years.

## Work History

### Software Engineer — Ridgeway Bank

*Apr'21 - Apr'24*

- Migrated the finance data mart used for statutory reporting.
- Designed the churn feature pipeline serving the ML team.

### QA Engineer — Waypoint Mobility

*Oct'24 - Oct'26*

- Built the inventory reconciliation job.
- Consolidated the finance data mart used for statutory reporting, supporting a move from 2 to 14 markets without re-architecture.
- Owned the churn feature pipeline serving the ML team, removing a manual month-end process that took two analysts three days.
- Worked with cost optimisation across the team.

### Financial Analyst — Duskwood Pharma

*Mar'26 - Mar'30*

- Designed the inventory reconciliation job, reducing warehouse spend by roughly a third.
- Decommissioned streaming event capture for the mobile app.
- Worked with mentoring across the team.

### Senior Data Engineer — Pinnacle Rail

*Jul'30 - Present*

- Built ingestion for 40+ third-party marketing sources, raising freshness SLA compliance from 82% to 99%.
- Decommissioned the churn feature pipeline serving the ML team, unblocking self-serve reporting for 200+ internal users.
- Designed clickstream ingestion across four regions.
- Built the inventory reconciliation job.

## SKILLS

Dagster, Delta Lake, Airflow

## EDUCATION

BEng Information Technology, National Institute of Engineering (2013)