

Lian Fitzgerald

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Experience

Senior Data Engineer — Pinnacle Rail

Autumn 2021 - Autumn 2024

- Consolidated the finance data mart used for statutory reporting, cutting nightly run time from 6 hours to 40 minutes.
- Consolidated ingestion for 40+ third-party marketing sources, cutting nightly run time from 6 hours to 40 minutes.
- Migrated the churn feature pipeline serving the ML team, cutting nightly run time from 6 hours to 40 minutes.
- Instrumented the inventory reconciliation job.
- Worked with cost optimisation across the team.

Analytics Engineer — Duskwood Pharma

Spring 2024 - Spring 2028

- Built the customer 360 warehouse model, supporting a move from 2 to 14 markets without re-architecture.
- Designed streaming event capture for the mobile app, supporting a move from 2 to 14 markets without re-architecture.

BI Developer — Bramble Analytics

Winter 2028 - Winter 2031

- Instrumented the customer 360 warehouse model, raising freshness SLA compliance from 82% to 99%.
- Decommissioned the nightly billing reconciliation pipeline, removing a manual month-end process that took two analysts three days.
- Decommissioned the finance data mart used for statutory reporting.
- Worked with on-call rotation across the team.

Analytics Engineer — Duskwood Pharma

Summer 2031 - Present

- Designed the nightly billing reconciliation pipeline.
- Designed clickstream ingestion across four regions.
- Instrumented the customer 360 warehouse model.

SKILLS

Snowflake, Databricks, Fivetran, Kubernetes, Python, Kafka, Airflow

EDUCATION

Diploma in Software Engineering, Cordell Polytechnic (2014)