

Padraig Mwangi

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Work History

Data Engineer — Orchard Health

2021-01 - 2024-01

- Migrated the inventory reconciliation job.
- Instrumented the finance data mart used for statutory reporting.
- Migrated the customer 360 warehouse model, removing a manual month-end process that took two analysts three days.

Senior Data Engineer — Sablefish Data

2026-03 - 2030-03

- Designed the customer 360 warehouse model, reducing warehouse spend by roughly a third.
- Instrumented the nightly billing reconciliation pipeline, eliminating the most frequent cause of on-call pages.
- Rebuilt the churn feature pipeline serving the ML team, raising freshness SLA compliance from 82% to 99%.
- Worked with data governance across the team.

Big Data Engineer — Vantara Telecom

2030-09 - 2034-09

- Owned the customer 360 warehouse model, supporting a move from 2 to 14 markets without re-architecture.
- Built the churn feature pipeline serving the ML team, unblocking self-serve reporting for 200+ internal users.
- Built clickstream ingestion across four regions, cutting nightly run time from 6 hours to 40 minutes.
- Worked with stakeholder management across the team.

ETL Developer — Ashgrove Foods

2034-11 - Present

- Built the customer 360 warehouse model, raising freshness SLA compliance from 82% to 99%.
- Built the churn feature pipeline serving the ML team, eliminating the most frequent cause of on-call pages.

PROJECTS

Volunteer work: Designed the customer 360 warehouse model using dbt and BigQuery, reducing warehouse spend by roughly a third.

SKILLS

Databricks, Flink, Kafka, Airbyte, BigQuery