

# Andres Mwangi

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Data engineer with 10 years building and running production pipelines.

## EXPERIENCE

### BI Developer — Copperline Energy

12/2014 - 12/2017

- Consolidated the finance data mart used for statutory reporting.
- Built the inventory reconciliation job, unblocking self-serve reporting for 200+ internal users.
- Worked with cost optimisation across the team.

### Senior Data Engineer — Fairlight Media

06/2017 - 06/2020

- Built the churn feature pipeline serving the ML team, reducing warehouse spend by roughly a third.
- Decommissioned the inventory reconciliation job, eliminating the most frequent cause of on-call pages.
- Migrated the finance data mart used for statutory reporting, removing a manual month-end process that took two analysts three days.
- Consolidated the customer 360 warehouse model, unblocking self-serve reporting for 200+ internal users.

### Big Data Engineer — Marrow & Finch

03/2020 - 03/2021

- Owned the nightly billing reconciliation pipeline.
- Migrated the churn feature pipeline serving the ML team.
- Owned ingestion for 40+ third-party marketing sources, raising freshness SLA compliance from 82% to 99%.

### ETL Developer — Harbourpoint Freight

10/2021 - Present

- Built the nightly billing reconciliation pipeline.
- Decommissioned the churn feature pipeline serving the ML team, supporting a move from 2 to 14 markets without re-architecture.
- Worked with on-call rotation across the team.

## PROJECTS

Weekend project: Instrumented clickstream ingestion across four regions using Airflow and Snowflake.

## SKILLS

dbt, Dagster, Redshift

## EDUCATION

BEng Information Technology, Cordell Polytechnic (2016)