

Burak Mwangi

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Professional Experience

Operations Manager — Verdant Agritech

Jul 2021 - Jul 2025

- Migrated the nightly billing reconciliation pipeline, cutting nightly run time from 6 hours to 40 minutes.
- Owned the finance data mart used for statutory reporting, raising freshness SLA compliance from 82% to 99%.
- Owned ingestion for 40+ third-party marketing sources, removing a manual month-end process that took two analysts three days.

Database Administrator — Sundial Insurance

Mar 2025 - Present

- Designed the churn feature pipeline serving the ML team.
- Decommissioned streaming event capture for the mobile app, unblocking self-serve reporting for 200+ internal users.
- Consolidated the customer 360 warehouse model, removing a manual month-end process that took two analysts three days.
- Owned the nightly billing reconciliation pipeline, reducing warehouse spend by roughly a third.
- Worked with on-call rotation across the team.

PROJECTS

Volunteer work: Designed the nightly billing reconciliation pipeline using Dagster and Postgres, cutting nightly run time from 6 hours to 40 minutes.

SKILLS

Spark, Fivetran, Airflow, Airbyte, Dagster, Kubernetes

EDUCATION

MSc Data Science, Eastgate University (2019)