

Declan Farouk

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Data engineer with 6 years building and running production pipelines.

Experience

Data Platform Engineer — Larkspur Partners (client: Waypoint Mobility)

Spring 2020 - Spring 2021

- Owned clickstream ingestion across four regions, raising freshness SLA compliance from 82% to 99%.
- Owned the churn feature pipeline serving the ML team, unblocking self-serve reporting for 200+ internal users.
- Designed the nightly billing reconciliation pipeline.
- Instrumented the finance data mart used for statutory reporting, raising freshness SLA compliance from 82% to 99%.

Analytics Engineer — Blackthorn Associates (client: Quillon Software)

Autumn 2021 - Autumn 2022

- Designed the finance data mart used for statutory reporting, reducing warehouse spend by roughly a third.
- Migrated ingestion for 40+ third-party marketing sources, reducing warehouse spend by roughly a third.
- Consolidated the customer 360 warehouse model, cutting nightly run time from 6 hours to 40 minutes.
- Instrumented streaming event capture for the mobile app.
- Worked with cost optimisation across the team.

ETL Developer — Blackthorn Associates (client: Waypoint Mobility)

Autumn 2022 - Autumn 2023

- Instrumented streaming event capture for the mobile app, removing a manual month-end process that took two analysts three days.
- Designed ingestion for 40+ third-party marketing sources.
- Decommissioned the customer 360 warehouse model.
- Built clickstream ingestion across four regions.
- Worked with documentation across the team.

Analytics Engineer — Greyhart Consulting (client: Greyhart Consulting)

Autumn 2023 - Autumn 2024

- Built the nightly billing reconciliation pipeline, reducing warehouse spend by roughly a third.
- Built streaming event capture for the mobile app.
- Built the finance data mart used for statutory reporting.

Senior Data Engineer — Fivepoint Digital (client: Pelagic Shipping)

Winter 2024 - Winter 2025

- Decommissioned streaming event capture for the mobile app, supporting a move from 2 to 14 markets without re-architecture.
- Owned the inventory reconciliation job, reducing warehouse spend by roughly a third.
- Designed clickstream ingestion across four regions, cutting nightly run time from 6 hours to 40 minutes.
- Worked with documentation across the team.

Big Data Engineer — Independent (concurrent engagement)

Winter 2024 - Winter 2025

- Part-time engagement running alongside the role above.
- Designed clickstream ingestion across four regions.

Data Warehouse Engineer — Blackthorn Associates (client: Saltmarsh Travel)

Summer 2025 - Present

- Owned the inventory reconciliation job, eliminating the most frequent cause of on-call pages.
- Designed the churn feature pipeline serving the ML team.
- Built ingestion for 40+ third-party marketing sources, cutting nightly run time from 6 hours to 40 minutes.
- Instrumented the nightly billing reconciliation pipeline.

SKILLS

Redshift, Databricks, Flink, Fivetran, Snowflake, Terraform, Airflow

EDUCATION

BEng Information Technology, Metropolitan College (2020)