

Kasia O'Sullivan

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Data engineer with 8 years building and running production pipelines.

EXPERIENCE

Big Data Engineer — Blackthorn Associates (client: Waypoint Mobility)

Jan'16 - Jan'17

- Rebuilt the nightly billing reconciliation pipeline, unblocking self-serve reporting for 200+ internal users.
- Migrated the finance data mart used for statutory reporting, unblocking self-serve reporting for 200+ internal users.

Data Warehouse Engineer — Blackthorn Associates (client: Sundial Insurance)

Sep'17 - Sep'18

- Migrated the finance data mart used for statutory reporting.
- Migrated the churn feature pipeline serving the ML team.
- Worked with incident response across the team.

Data Platform Engineer — Larkspur Partners (client: Marrow & Finch)

Jun'18 - Jun'19

- Owned clickstream ingestion across four regions, supporting a move from 2 to 14 markets without re-architecture.
- Designed the finance data mart used for statutory reporting.
- Rebuilt ingestion for 40+ third-party marketing sources.
- Built the nightly billing reconciliation pipeline.

ETL Developer — Greyhart Consulting (client: Quillon Software)

Jan'19 - Jan'20

- Designed clickstream ingestion across four regions, unblocking self-serve reporting for 200+ internal users.
- Consolidated the churn feature pipeline serving the ML team, removing a manual month-end process that took two analysts three days.
- Consolidated the nightly billing reconciliation pipeline.
- Rebuilt streaming event capture for the mobile app, supporting a move from 2 to 14 markets without re-architecture.

Big Data Engineer — Meridian Contracting (client: Ridgeway Bank)

Jan'20 - Jan'21

- Designed the customer 360 warehouse model, raising freshness SLA compliance from 82% to 99%.
- Designed the inventory reconciliation job.

ETL Developer — Blackthorn Associates (client: Ember Grid Utilities)

Aug'21 - Aug'22

- Decommissioned the inventory reconciliation job.
- Built ingestion for 40+ third-party marketing sources.
- Rebuilt the nightly billing reconciliation pipeline, cutting nightly run time from 6 hours to 40 minutes.

Senior Data Engineer — Blackthorn Associates (client: Marrow & Finch)

Sep'22 - Sep'23

- Migrated the customer 360 warehouse model.
- Designed ingestion for 40+ third-party marketing sources.
- Decommissioned the nightly billing reconciliation pipeline.
- Owned the inventory reconciliation job.

Data Engineer — Independent (concurrent engagement)

Sep'22 - Sep'23

- Part-time engagement running alongside the role above.
- Instrumented the nightly billing reconciliation pipeline.

Analytics Engineer — Larkspur Partners (client: Orchard Health)

Jan'23 - Present

- Built clickstream ingestion across four regions.
- Designed the inventory reconciliation job, raising freshness SLA compliance from 82% to 99%.
- Rebuilt the customer 360 warehouse model, cutting nightly run time from 6 hours to 40 minutes.

PROJECTS

Capstone project: Decommissioned the churn feature pipeline serving the ML team using Airflow and Postgres, raising freshness SLA compliance from 82% to 99%.

SKILLS

Redshift, Kafka, Python, BigQuery

EDUCATION

BA Economics, Northern Institute of Technology (2018)