

Aoife Harper

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Professional Experience

BI Developer — Verdant Agritech

Sep'11 - Sep'14

- Instrumented clickstream ingestion across four regions.
- Instrumented ingestion for 40+ third-party marketing sources.
- Decommissioned the nightly billing reconciliation pipeline.

Data Warehouse Engineer — Northwind Logistics

Apr'14 - Apr'16

- Decommissioned clickstream ingestion across four regions, removing a manual month-end process that took two analysts three days.
- Owned the inventory reconciliation job.

Big Data Engineer — Fairlight Media

Jan'16 - Jan'19

- Owned the finance data mart used for statutory reporting, unblocking self-serve reporting for 200+ internal users.
- Migrated ingestion for 40+ third-party marketing sources, removing a manual month-end process that took two analysts three days.
- Consolidated the inventory reconciliation job, eliminating the most frequent cause of on-call pages.
- Migrated the customer 360 warehouse model, supporting a move from 2 to 14 markets without re-architecture.
- Worked with incident response across the team.

Big Data Engineer — Pinnacle Rail

Sep'19 - Sep'23

- Built the finance data mart used for statutory reporting, eliminating the most frequent cause of on-call pages.
- Migrated the churn feature pipeline serving the ML team, eliminating the most frequent cause of on-call pages.
- Designed streaming event capture for the mobile app, cutting nightly run time from 6 hours to 40 minutes.
- Worked with mentoring across the team.

Senior Data Engineer — Copperline Energy

Mar'23 - Mar'26

- Instrumented ingestion for 40+ third-party marketing sources, unblocking self-serve reporting for 200+ internal users.
- Migrated clickstream ingestion across four regions, raising freshness SLA compliance from 82% to 99%.
- Migrated the churn feature pipeline serving the ML team, unblocking self-serve reporting for 200+ internal users.

Data Platform Engineer — Ashgrove Foods

Oct'26 - Present

- Rebuilt streaming event capture for the mobile app, supporting a move from 2 to 14 markets without re-architecture.
- Rebuilt ingestion for 40+ third-party marketing sources.
- Worked with incident response across the team.

SKILLS

Redshift, Fivetran, Delta Lake, dbt, Kubernetes, AWS Glue, SQL

EDUCATION

BEng Information Technology, Northern Institute of Technology (2004)