

Rahul O'Sullivan

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SKILLS

Spark
Dagster
dbt

EXPERIENCE

ETL Developer — Fairlight Media

2012-01 - 2015-01

- Owned the churn feature pipeline serving the ML team.
- Consolidated streaming event capture for the mobile app, cutting nightly run time from 6 hours to 40 minutes.
- Instrumented the customer 360 warehouse model.
- Rebuilt the finance data mart used for statutory reporting, supporting a move from 2 to 14 markets without re-architecture.
- Worked with incident response across the team.

Data Warehouse Engineer — Pinnacle Rail

2015-08 - 2019-08

- Consolidated the customer 360 warehouse model, supporting a move from 2 to 14 markets without re-architecture.
- Instrumented streaming event capture for the mobile app, raising freshness SLA compliance from 82% to 99%.
- Worked with on-call rotation across the team.

Data Platform Engineer — Verdant Agritech

2019-01 - 2020-01

- Consolidated ingestion for 40+ third-party marketing sources.
- Consolidated streaming event capture for the mobile app, unblocking self-serve reporting for 200+ internal users.
- Instrumented the customer 360 warehouse model, removing a manual month-end process that took two analysts three days.
- Worked with stakeholder management across the team.

Senior Data Engineer — Verdant Agritech

2020-04 - 2023-04

- Decommissioned clickstream ingestion across four regions, supporting a move from 2 to 14 markets without re-architecture.
- Rebuilt the inventory reconciliation job, reducing warehouse spend by roughly a third.
- Built the nightly billing reconciliation pipeline, unblocking self-serve reporting for 200+ internal users.
- Decommissioned ingestion for 40+ third-party marketing sources.
- Worked with on-call rotation across the team.

Big Data Engineer — Orchard Health

2023-07 - Present

- Built streaming event capture for the mobile app, raising freshness SLA compliance from 82% to 99%.
- Consolidated ingestion for 40+ third-party marketing sources.
- Rebuilt the nightly billing reconciliation pipeline, raising freshness SLA compliance from 82% to 99%.
- Rebuilt the finance data mart used for statutory reporting, removing a manual month-end process that took two analysts three days.
- Worked with cost optimisation across the team.

PROJECTS

Weekend project: Built the churn feature pipeline serving the ML team using Dagster and BigQuery.