

Declan Mansour

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Data engineer with 15 years building and running production pipelines.

Where I've Been

Senior Data Engineer — Ninefold Systems

2006-07 - 2008-07

- Designed the churn feature pipeline serving the ML team.
- Designed streaming event capture for the mobile app.
- Decommissioned ingestion for 40+ third-party marketing sources, eliminating the most frequent cause of on-call pages.

Analytics Engineer — Marrow & Finch

2008-08 - 2011-08

- Designed the inventory reconciliation job, cutting nightly run time from 6 hours to 40 minutes.
- Designed streaming event capture for the mobile app, reducing warehouse spend by roughly a third.
- Designed clickstream ingestion across four regions, unblocking self-serve reporting for 200+ internal users.
- Designed the customer 360 warehouse model, eliminating the most frequent cause of on-call pages.
- Worked with documentation across the team.

ETL Developer — Tinderbox Games

2011-10 - 2015-10

- Designed clickstream ingestion across four regions, supporting a move from 2 to 14 markets without re-architecture.
- Built streaming event capture for the mobile app, cutting nightly run time from 6 hours to 40 minutes.
- Consolidated the churn feature pipeline serving the ML team, removing a manual month-end process that took two analysts three days.
- Migrated the nightly billing reconciliation pipeline, supporting a move from 2 to 14 markets without re-architecture.
- Worked with on-call rotation across the team.

Big Data Engineer — Waypoint Mobility

2015-11 - 2017-11

- Instrumented clickstream ingestion across four regions.
- Instrumented the inventory reconciliation job.
- Decommissioned the nightly billing reconciliation pipeline, cutting nightly run time from 6 hours to 40 minutes.
- Rebuilt streaming event capture for the mobile app, reducing warehouse spend by roughly a third.
- Worked with incident response across the team.

Analytics Engineer — Cobalt Mutual

2017-08 - Present

- Decommissioned ingestion for 40+ third-party marketing sources, reducing warehouse spend by roughly a third.
- Migrated the churn feature pipeline serving the ML team.
- Rebuilt clickstream ingestion across four regions, removing a manual month-end process that took two analysts three days.

SKILLS

Dagster, Python, Delta Lake

EDUCATION

MSc Data Science, Eastgate University (2010)