

Tomasz Byrne

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Data engineer with 11 years building and running production pipelines.

Professional Experience

BI Developer — Abbott & Reyes

Mar'15 - Mar'17

- Owned the nightly billing reconciliation pipeline, cutting nightly run time from 6 hours to 40 minutes.
- Instrumented the inventory reconciliation job, eliminating the most frequent cause of on-call pages.

Big Data Engineer — Tessellate Labs

Aug'18 - Aug'20

- Built the inventory reconciliation job.
- Instrumented the customer 360 warehouse model, eliminating the most frequent cause of on-call pages.
- Owned the nightly billing reconciliation pipeline.
- Rebuilt streaming event capture for the mobile app.
- Worked with documentation across the team.

Data Engineer — Tinderbox Games

Sep'20 - Sep'22

- Migrated the churn feature pipeline serving the ML team, removing a manual month-end process that took two analysts three days.
- Decommissioned clickstream ingestion across four regions.
- Decommissioned the nightly billing reconciliation pipeline, supporting a move from 2 to 14 markets without re-architecture.
- Consolidated the customer 360 warehouse model, unblocking self-serve reporting for 200+ internal users.
- Worked with mentoring across the team.

Analytics Engineer — Verdant Agritech

Jul'22 - Present

- Designed the churn feature pipeline serving the ML team, removing a manual month-end process that took two analysts three days.
- Built the inventory reconciliation job, eliminating the most frequent cause of on-call pages.
- Worked with cost optimisation across the team.

SKILLS

SQL, Kubernetes, Airflow, dbt, Spark, Fivetran

EDUCATION

BEng Information Technology, Harlow University (2013)