

Amelia Farouk

amelia.farouk@example-mail.test | +30 272 8776294 | Kuala Lumpur

Professional Experience

Big Data Engineer — Tessellate Labs

Apr'14 - Apr'15

- Built the churn feature pipeline serving the ML team, unblocking self-serve reporting for 200+ internal users.
- Migrated the customer 360 warehouse model, reducing warehouse spend by roughly a third.
- Worked with documentation across the team.

Data Engineer — Ridgeway Bank

Feb'17 - Feb'18

- Migrated streaming event capture for the mobile app, removing a manual month-end process that took two analysts three days.
- Designed the inventory reconciliation job.
- Worked with mentoring across the team.

ETL Developer — Copperline Energy

Nov'18 - Nov'22

- Built the nightly billing reconciliation pipeline, removing a manual month-end process that took two analysts three days.
- Rebuilt ingestion for 40+ third-party marketing sources.
- Built the churn feature pipeline serving the ML team.
- Owned streaming event capture for the mobile app, removing a manual month-end process that took two analysts three days.

BI Developer — Marrow & Finch

Oct'22 - Present

- Owned streaming event capture for the mobile app, reducing warehouse spend by roughly a third.
- Consolidated the inventory reconciliation job, raising freshness SLA compliance from 82% to 99%.
- Decommissioned ingestion for 40+ third-party marketing sources.
- Built the churn feature pipeline serving the ML team.

PROJECTS

Side project: Instrumented the customer 360 warehouse model using Dagster and Postgres.

SKILLS

Delta Lake, Redshift, Databricks, AWS Glue, Terraform, Python, Flink

EDUCATION

Diploma in Software Engineering, Metropolitan College (2015)