

Kwame Petrov

kwame.petrov@example-mail.test | +20 807 2538866 | Kuala Lumpur

Experience

Data Platform Engineer — Meridian Contracting (client: Cobalt Mutual)

11/2018 - 11/2019

- Migrated the inventory reconciliation job, unblocking self-serve reporting for 200+ internal users.
- Migrated the churn feature pipeline serving the ML team, eliminating the most frequent cause of on-call pages.
- Instrumented streaming event capture for the mobile app, eliminating the most frequent cause of on-call pages.

ETL Developer — Greyhart Consulting (client: Orchard Health)

10/2019 - 10/2020

- Consolidated ingestion for 40+ third-party marketing sources, cutting nightly run time from 6 hours to 40 minutes.
- Rebuilt the finance data mart used for statutory reporting, reducing warehouse spend by roughly a third.
- Rebuilt streaming event capture for the mobile app, cutting nightly run time from 6 hours to 40 minutes.
- Instrumented clickstream ingestion across four regions, removing a manual month-end process that took two analysts three days.

Data Warehouse Engineer — Greyhart Consulting (client: Pelagic Shipping)

10/2020 - 10/2021

- Consolidated the nightly billing reconciliation pipeline.
- Instrumented clickstream ingestion across four regions, raising freshness SLA compliance from 82% to 99%.
- Worked with cost optimisation across the team.

BI Developer — Greyhart Consulting (client: Kestrel Payments)

01/2021 - 01/2022

- Instrumented the nightly billing reconciliation pipeline, reducing warehouse spend by roughly a third.
- Designed streaming event capture for the mobile app, supporting a move from 2 to 14 markets without re-architecture.
- Owned the customer 360 warehouse model, unblocking self-serve reporting for 200+ internal users.

Data Engineer — Fivepoint Digital (client: Copperline Energy)

12/2022 - 12/2023

- Decommissioned the customer 360 warehouse model, removing a manual month-end process that took two analysts three days.
- Consolidated the churn feature pipeline serving the ML team.

Data Warehouse Engineer — Greyhart Consulting (client: Ashgrove Foods)

03/2023 - 03/2024

- Consolidated clickstream ingestion across four regions, removing a manual month-end process that took two analysts three days.
- Designed the inventory reconciliation job.
- Rebuilt the customer 360 warehouse model.

Big Data Engineer — Independent (concurrent engagement)

03/2023 - 03/2024

- Part-time engagement running alongside the role above.
- Designed the nightly billing reconciliation pipeline.

Data Warehouse Engineer — Blackthorn Associates (client: Northwind Logistics)

08/2024 - Present

- Designed ingestion for 40+ third-party marketing sources, unblocking self-serve reporting for 200+ internal users.
- Migrated the customer 360 warehouse model, eliminating the most frequent cause of on-call pages.
- Rebuilt the inventory reconciliation job.

PROJECTS

Capstone project: Migrated the nightly billing reconciliation pipeline using dbt and Postgres.

SKILLS

Fivetran, Dagster, Airflow, dbt, Spark, Kafka, Flink

EDUCATION

MSc Data Science, Riverside University (2017)