Aisha Rahman

Data Engineer · Pipelines, Warehousing & Streaming

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SUMMARY

Data engineer with 5 years building batch and streaming pipelines for e-commerce and media companies. Moved a 120TB warehouse to Snowflake and dbt, cutting warehouse cost by 32% while data freshness improved from 24 hours to 1 hour.

EXPERIENCE

Copperleaf Commerce May 2022 - Present

Data Engineer II *New York, NY*

- Moved a 120TB Redshift warehouse to Snowflake and dbt with no reporting gaps, cutting monthly warehouse cost by 32%
- Replaced nightly batch jobs with Kafka and Spark Structured Streaming, improving order data freshness from 24 hours to 1 hour
- Built data quality checks for 300+ dbt models, lowering broken dashboard reports from 15 a month to 2
- Orchestrated 80 Airflow DAGs and set SLAs with 4 analytics teams, reaching 99.5% on-time delivery

Signalhouse Media Aug 2020 - Apr 2022

Data Engineer *New York, NY*

- Built an event ingestion pipeline on AWS Kinesis and S3 for 500M events a day from web and app clients
- Modeled audience data in a star schema used by 3 dashboards and 70 analysts across Sales and Editorial
- Cut a daily Spark job's run time from 5 hours to 50 minutes by fixing data skew and partitioning by date

EDUCATION

Rutgers University Sep 2016 - May 2020

B.S. Computer Science *New Brunswick, NJ*

SKILLS

Languages: Python, SQL, Scala

Data Platform: Snowflake, dbt, Airflow, Spark, Kafka, AWS (S3, Kinesis, Glue), Terraform, Great Expectations

CERTIFICATIONS

SnowPro Core Certification