Shweta Deshmukh

Senior Data Engineer

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SUMMARY

Data engineer with 6 years building pipelines for retail and e-commerce analytics. Currently responsible for a warehouse serving about 120 internal users and roughly 3TB of daily ingest. Care more about data people trust than dashboards people ignore.

EXPERIENCE

Data Engineer - Meridian Retail Group May 2023 - Present

Pune

- Own 40+ Airflow pipelines feeding a Snowflake warehouse used by about 120 analysts and business users; roughly 3TB ingested daily.
- Rebuilt the sales-fact pipeline after persistent reconciliation gaps; discrepancies between the warehouse and the source POS system fell from a daily occurrence to rare.
- Cut warehouse compute cost by about 28% by rewriting 6 of the heaviest queries and introducing incremental rather than full-refresh loads.
- Introduced data quality checks with Great Expectations on 15 critical tables; bad data is now caught at load rather than by an analyst three days later.
- Mentor 2 junior engineers; run the team's pipeline design review.

ETL Developer - Insight Analytics Services Aug 2019 - Apr 2023

Pune

- Built and maintained SSIS and Python ETL jobs for 5 client data warehouses.
- Migrated a client from nightly batch to near-real-time streaming with Kafka, cutting reporting lag from 24 hours to under 15 minutes.

SKILLS

Pipelines Airflow, dbt, Kafka, SSIS, Python
Warehouses Snowflake, Redshift, SQL Server
Quality Great Expectations, data contracts, reconciliation design
Cloud AWS (S3, Glue, Lambda)

EDUCATION

M.Tech (Computer Engineering) - COEP Pune, 2019
B.E. (IT) - Savitribai Phule Pune University, 2017

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