PRIYA NATARAJAN

Data Platform Engineer

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EXPERIENCE

Staff Data Engineer

Lumen Analytics

2021 – Present · Remote

- Redesigned the batch-to-streaming ingestion path, cutting p99 pipeline lag from 4 hours to 6 minutes.
- Built a self-serve schema-registry that removed a two-week onboarding step for new data producers.
- Chaired the data platform's quarterly reliability review across six dependent teams.

Senior Data Engineer

Windmill Health

2018 – 2021 · Boston, MA

- Migrated the clinical reporting warehouse from a nightly cron pipeline to Airflow, restoring on-time delivery.
- Introduced column-level lineage tracking used to pass an external HIPAA audit with zero findings.

PROJECTS

Open-source: parquet-diff

Personal project

2023

A CLI tool for semantic diffing of Parquet files by schema and row content, 900+ GitHub stars.

STRENGTHS

Distributed Systems · Data Modelling · Mentoring · Python · Spark · dbt

EDUCATION

M.S. Computer Science

Boston University

2016 – 2018 · Boston, MA

B.Tech Computer Science

IIT Bombay

2012 – 2016 · Mumbai, India

SKILLS

- SQL ●●●●●
- Python ●●●●●
- Distributed Systems ●●●●○
- Public Speaking ●●●○○

LANGUAGES

- English ●●●●●
- Hindi ●●●●●
- Tamil ●●●●○