

Neel Bhadkamkar

Senior Data Engineer

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PROFESSIONAL SUMMARY

Results-driven Data Engineer with 3.8+ years of experience designing, implementing, and optimizing enterprise-scale data pipelines and ETL processes. Expertise in transforming billions of records into actionable insights using cloud-based technologies and big data frameworks. Proven track record in improving performance, reducing costs, and automating manual processes in retail analytics environments.

TECHNICAL SKILLS

- **Programming & Query Languages:** Python, SQL (T-SQL, MySQL), PySpark, Spark SQL
- **Data Engineering:** ETL/ELT, Data Pipelines, Data Warehousing, Data Modeling, Schema Design
- **Big Data & Cloud:** Azure Data Services, Azure Databricks, Delta Lake, Apache Airflow, MS SQL Server, SQL Server Management Studio
- **Performance Optimization:** Query Tuning, Data Pipeline Optimization, Resource Management
- **Reporting:** MicroStrategy, Power BI
- **Data Quality & Governance:** Data Validation, Data Lineage, Unity Catalog, Compliance

PROFESSIONAL EXPERIENCE

Infosys Limited	<i>Jan 2022 - Present</i>
<i>Data Engineer (Technology Analyst)</i>	India

Collaborated on data engineering initiatives for a major retail chain with 1,800+ stores across North America:

- Architected and implemented high-throughput data pipelines processing billions of rows weekly using Databricks and Apache Airflow, reducing processing time by 35%
- Modernized legacy infrastructure by migrating critical pipelines from SQL Server Agent Jobs and SSIS Packages to Databricks, achieving 60% faster execution times
- Optimized complex SQL queries and Spark jobs, resulting in 40% faster execution times and significant cost savings
- Developed advanced data aggregation pipelines in Databricks to produce key business metrics for store performance evaluation, employee productivity analysis, and tax compliance reporting
- Supported migration to Databricks Unity Catalog, establishing robust data governance framework and streamlining compliance processes for sensitive customer data
- Integrated disparate vendor data systems into unified data platform, enabling comprehensive cross-functional analytics
- Delivered near real-time executive reports using MicroStrategy, providing actionable insights that influenced strategic decisions for multi-million dollar operations
- Mentored 2 junior engineers while developing automated monitoring system, eliminating 21 hours of weekly manual tasks using Azure Databricks, Spark SQL, and Apache Airflow

EDUCATION

Bachelor of Engineering, Computer Engineering — GPA: 7.52/10.0
Savitribai Phule Pune University, Pune, Maharashtra — April 2021

CERTIFICATIONS

- Microsoft Certified: Azure Data Engineer Associate (DP-203)
- Microsoft Certified: Azure Data Fundamentals (DP-900)
- Google Cloud Certified: Cloud Digital Leader
- Databricks Certified: Databricks Fundamentals
- Databricks Certified: Generative AI Fundamentals