

# VINDHYAL NAGORI

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## PROFILE SUMMARY

- ❖ **Data Engineering Expertise** – Skilled in designing, building, and maintaining large-scale ETL pipelines, ensuring high-performance and scalable data integration solutions.
- ❖ **ETL Development & Optimization** – Strong background in developing and fine-tuning ETL workflows for batch and streaming data using Spark, Databricks, and Apache Airflow.
- ❖ **Data Migration Specialist** – Hands-on experience in complex migration projects, including Teradata to Snowflake, with a focus on minimizing downtime and ensuring data integrity.
- ❖ **Cloud & Modern Data Platforms** – Proficient in leveraging Snowflake, AWS, and Azure for cloud-based data warehousing, analytics, and pipeline orchestration.
- ❖ **Programming & Automation** – Proficient in SQL, Python, and Shell scripting to automate data workflows, improve process efficiency, and reduce manual interventions.
- ❖ **Data Quality & Governance** – Adept at implementing data validation checks, monitoring frameworks, and quality assurance processes to ensure accurate and reliable datasets.
- ❖ **Performance Tuning** – Experienced in optimizing query performance, resource utilization, and data processing speed across large datasets in Snowflake, Spark, and Teradata.

## CORE COMPETENCIES

- ETL Pipeline Development
- Cloud Data Warehousing
- Big Data Processing
- Data Migration & Integration
- Workflow Orchestration & Automation
- Programming & Scripting
- Data Quality Management & Validation
- Performance Tuning & Query Optimization
- Cross-functional Coordination

## TECHNICAL SKILLS

- ❖ Programming & Scripting: Python, Shell, Java, SQL
- ❖ Data Engineering & Big Data Tools: Snowflake, Databricks, Spark, Apache Airflow, Teradata, DBT
- ❖ Data Management & Processes: Data Migration, Applied AI

## WORK EXPERIENCE

### Software Developer – Data Engineering | AMDOCS India | July 2023 – Present

Projects: **EDS for Globe Telecom** | **IBCM for AT&T**

Technologies/Tools: **Snowflake, Databricks, Spark, Apache Airflow, Teradata, AWS, Azure, Python, SQL, Shell, Linux**

Key Responsibilities & Contributions:

- ❖ Designed and implemented large-scale ETL pipelines to migrate data from Teradata to Snowflake, automated workflows with Python and Shell scripting to ensure accuracy, performance, and reduced manual effort.
- ❖ Built scalable data pipelines in Databricks using SQL, Python, and Spark, with automated jobs for consistent batch and streaming data processing.
- ❖ Engineered end-to-end ETL workflows in Apache Airflow, incorporating dependencies, job sequencing, scheduling, and recovery mechanisms for robust orchestration.
- ❖ Developed automated scripts for real-time SFTP transfers via NDM, ensuring timely data availability across systems.
- ❖ Optimized SQL queries and performed debugging, root cause analysis, and data validation to enhance performance, reliability, and data quality.

### Key Achievements:

- ❖ Successfully migrated critical AT&T data workloads from Teradata to Snowflake, reducing overall processing time and infrastructure costs.
- ❖ Automated repetitive migration and monitoring processes, leading to a 30–40% improvement in operational efficiency.
- ❖ Enhanced query performance and job orchestration reliability, minimizing failures and achieving higher SLAs for business-critical data pipelines.

## EDUCATION

- ❖ Master of Computer Application from NIT Kurukshetra, Haryana: 2023
- ❖ Bachelor of Science from College of Professional Studies, Indore: 2020

## CERTIFICATIONS

- ❖ Snowflake: SnowPro Core
- ❖ Data Bricks: Associate Data Engineer