Divyang raj

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**OBJECTIVE**

Detail-oriented Data Engineer with a strong foundation in SQL, Python, Snowflake, and Apache Spark. Experienced in building data pipelines, performing ETL processes, and working with cloud platforms like AWS and Azure. Eager to apply skills in data management and cloud technologies to drive business insights.

**Education**

Gujarat University

M.Sc. ITBusiness Intelligence & Analytics Jun 2022 - Jun 2024

GPA 7.92

**Work Experience**

**Data Engineer Intern** Dec 2023 - June 2024

Neeti.AI | Ahmedabad

* Designing, developing, and maintaining scalable data pipelines.
* Implementing data warehousing solutions.
* Developed and maintained an enterprise-level data warehouse, integrating data from various sources into a unified data estate.
* Conducted root cause analysis on data issues, identifying and resolving bottlenecks that improved data processing efficiency by 15%.
* Automated manual processes within the data pipeline, reducing processing time by 40% and improving scalability.
* Conducting data analysis and reporting to support business decisions.
* Collaborating with cross-functional teams to integrate data from various sources.

**MIS Executive** Jan 2022 - Apr 2023

Baroda Global Shared Services PVT LTD | Gandhinagar

* Updating customer information, transaction details, and other data in the system.
* Creating dashboards and preparing reports on transaction volumes, error rates, and other key performance indicators.
* Awarded Employee of the month for executing exceptional work.

**Core Skills**

* **Data Engineering:** ETL Processes, Data Pipelines, Data Warehousing
* **Cloud Platforms:** Snowflake, Databricks, AWS (Redshift, EMR, S3, Glue, EC2**)**
* **Programming:** Python, SQL
* **Data Management:** Database Administration, Query Optimization, Data Modeling
* **Tools & Technologies:** Spark, PowerBI, Tableau
* **Data Security:** Risk Mitigation, Security Posture Management
* **Collaboration:** Cross-functional Teams, Stakeholder Management

**Certificates**

Snowflake Badge 1: Data Warehouse Workshop

Snowflake Badge 2: Collaboration, Marketplace & Cost Estimation Workshop

Snowflake Badge 3: Data Application Builders Workshop

Snowflake Badge 4: Data Lake Workshop

Snowflake Badge 5: Data Engineering Workshop

**Projects**

**Healthcare data analysis using SQL**

* Executed complex SQL queries for healthcare data analysis.
* Analyzed appointment data for workload distribution.
* Reported average appointment duration.
* Monitored trends for performance.
* Provided day-specific insights.
* Focused on Blood Type 'O' patients.
* Evaluated specialization distribution

**Employee Attrition Analysis**

* Analyzed employee attrition using Databricks and Spark SQL.
* Identified key factors driving employee turnover.
* Provided actionable insights to improve retention.
* Aimed to enhance productivity and business outcomes by understanding attrition dynamics.

**Real-Time Music Data Pipeline using AWS and Snowflake**

* Built an ETL pipeline using AWS services (S3, Lambda, Snowflake).
* Automated data ingestion into Snowflake via Snowpipe.
* Optimized the pipeline for efficient data processing.
* Developed seamless integration between AWS and Snowflake for smooth data operations.