

MOHAMMED MOHSIN UDDIN

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SUMMARY

Results-driven Data Engineer with 1.4 years of hands-on experience in building scalable data pipelines, transforming raw data into actionable insights, and supporting data-driven decision-making. Proficient in modern data stack tools such as Snowflake, dbt, and SQL. Adept at integrating data from multiple sources, optimizing queries, and ensuring high data quality across workflows. Collaborative team player with a problem-solving mindset, eager to contribute to innovative data solutions in fast-paced environments.

SKILLS & TOOLS

- **Programming Languages:** Python, SQL
- **Data Warehousing & ETL Tools:** Snowflake, dbt (Data Build Tool)
- **Data Analysis & Visualization:** Looker Studio, Excel (Pivot Tables, VLOOKUP, Charts), Power BI
- **Version Control & Collaboration:** Git, GitHub, MS Office (Word, PowerPoint)
- **Languages:** English, Hindi, Urdu, Telugu

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science and Engineering

CSI Wesley Institute of Technology and Sciences — 2024

Intermediate Public Examination (IPE)

Sultan Ul-Uloom Junior College — 2020

Secondary School Certificate (SSC)

St. Joseph's High School — 2018

WORK EXPERIENCE

Data Engineer — Aykitech Solutions

April 2024 - Present

Wind Creek Casino – Data Platform Modernization

- Migrated enterprise data workloads from legacy SQL systems to Snowflake, significantly improving query performance and reducing compute costs for casino operations and analytics.
- Designed and built robust dbt models across staging, intermediate, and mart layers to transform raw transactional, loyalty, and gaming data into clean, analysis-ready datasets.
- Developed incremental dbt models using `is_incremental()` logic to efficiently handle daily data loads and minimize processing overhead.
- Created and managed Apache Airflow DAGs to orchestrate data ingestion, transformation pipelines, and scheduled refreshes for reporting systems.
- Implemented unit tests to validate data transformations, ensure data quality, and maintain pipeline reliability.
- Partnered with business and analytics teams to define and implement scalable data marts focused on customer behavior, player rewards, slot machine performance, and revenue tracking.
- Applied advanced SQL optimization techniques to enhance query speed and reduce dashboard refresh latency across business intelligence tools.
- Used Snowflake's `QUERY_HISTORY` and other metadata views to monitor long-running queries, detect pipeline bottlenecks, and optimize system performance proactively.

INTERNSHIP

Data Engineer — Aykitech Solutions

Jan 2024 - Mar 2024

- Utilized SQL and Snowflake to clean, filter, and organize raw datasets, ensuring data accuracy and reliability for reporting purposes.
- Assisted in developing and managing data models using DBT to optimize data transformation workflows within the Snowflake environment.
- Analyzed business data using Looker Studio to build interactive dashboards.