

# Shakir Hossain . Jarvis Consulting

An experienced Data Analyst with over 3 years of hands-on experience implementing large-scale cloud data pipelines, migrations, and database solutions. Proven expertise in collaborating with multi-platform teams and working closely with Front Office and Asset Management stakeholders. Microsoft Azure Certified- Azure Database Administrator Associate (DP-300).

## Skills

**Proficient:** Python, Linux/Bash, RDBMS/SQL, Agile/Scrum, Git

**Competent:** Java, PySpark, Pandas, Dbt, Airflow

**Familiar:** Azure Data Factory, Snowflake, Databricks, Hadoop, MSSQL

## Jarvis Projects

Project source code: [https://github.com/jarviscanada/jarvis\\_data\\_eng\\_ShakirHossain](https://github.com/jarviscanada/jarvis_data_eng_ShakirHossain)

**Cluster Monitor** [GitHub]: Designed and Implemented a MVP cluster monitoring agent for Jarvis LCA team. The bash agent scheduled over a cron job provides real-time node usage data, generating quantitative insights for future resource planning.

**Python Data Analytics** [GitHub]: Transformed raw transactional data into actionable business intelligence for LGS, an online retail platform. Analyzed customer purchasing patterns, to move the business away from generic marketing toward data-driven personalization.

## Highlighted Projects

**Brave Career Data Engineering Bootcamp** [GitHub]: Designed and Implemented data pipelines using dbt Core to aggregate and store key metrics for an e-commerce platform. Monitored inventory levels, stock turnover, and supply chain efficiency to ensure optimal stock levels and minimize costs.

## Professional Experiences

**Data Engineer, Jarvis (2025-present):** Synthesized technical information through creation of data visualization. Write scripts related to stored procedures and triggers. Documented results of software application tests and information and telecommunication systems tests

**Solutions Developer, Emera Energy (2021-2025):** Designed and executed MSSQL and MYSQL Server Migration from on Premise SQL Server to Azure SQL Services, resulting in the decommission of the outdated Windows Server 2008 R2 and reduced maintenance overheads. Built end to end POC ETL Pipelines on Azure Data Factory demonstrating the compatibility of Azure PaaS tools over legacy frameworks such as SSIS and Linked servers.

## Education

**Dalhousie university (2018-2021),** Bachelor's in Computer Science, Faculty of Computer Science

**Saint Mary's university (2016-2018),** Diploma of Electrical Engineering, Faculty of Engineering

## Miscellaneous

- Microsoft Azure Certified- Azure Database Administrator Associate DP-300
- Playing Chess