

SAHIL KHAN

TORONTO, ON

✉ sahil82764@gmail.com

📞 +1 (289)-671-5205

✳ [Sahil Khan | LinkedIn](#)

🐙 [Sahil Khan | GitHub](#)

Introduction

Junior Data Engineer with 2 years of experience in Azure Cloud Data Engineering, specializing in machine learning algorithms and deep learning implementation. Microsoft certified, proficient in Python, and skilled in designing efficient ETL processes. Currently pursuing a Master's in Data Science from Memorial University.

Highlights

- Python Programming
- PL/SQL
- Spark
- Data Warehousing
- Power BI/Tableau
- ML Algorithms
- Azure Cloud

Work Experience

DATA ENGINEER

April 2022 – August 2023

WOBBLLR – New Delhi, INDIA

- Designed and implemented automated data load architecture using Azure Data Factory (ADF) and Azure Databricks, including single-click ADF Pipeline for client-accessible UI.
- Retrieved data from Event Hub and on-premise SQL Server, storing it in Azure Tables and Cosmos DB, and orchestrate incremental ADF pipelines for Azure Blob Storage.
- Technologies: Databricks, Azure Data Factory, Azure Synapse, Azure SQL DW, Azure Cosmos DB, Azure Functions, Azure Logic Apps, Data Lake and Ms Power BI.

ASSOCIATE PROFESSIONAL SOFTWARE ENGINEER

July 2021 – April 2022

DXC Technology – Bangalore, INDIA

- Analysed business and functional requirements, along with design review documents, to develop and execute test scripts for positive, negative, and edge cases, using JIRA to manage manual test cases according to user stories, release plans, and sprint schedules.
- Used Postman for functional testing of the application and tracked software defects to closure using ALM or JIRA.
- Technologies: Ms Excel, JIRA, ALM and POSTMAN.

Education

Master's – Data Science

September 2024 – September 2025

Memorial University – St. John, NL

Graduate Certificate – Artificial Intelligence

September 2023 – September 2024

Durham College – Oshawa, ON

Bachelors in Technology - Electronics and Communication

August 2017 – July 2021

Guru Tegh Bahadur Institute of Technology – New Delhi, India

Projects

Data ETL for one of the Advertisement companies

- Designed an end-to-end architecture for automating data loads from various sources using Azure Data Factory (ADF) and Databricks.
- Developed a single-click automated ADF Pipeline for client UI, enhancing user experience and reducing manual tasks.
- Integrated data transformation processes with Databricks, enabling seamless data flow to Azure Synapse and Power BI for visualization.

Data Platform Modernisation

- Retrieved data from Event Hub and on-premise SQL Server, storing it in Azure Tables and Cosmos DB.
- Orchestrated incremental ADF pipelines for data extraction and storage in Azure Blob Storage.
- Utilized Databricks for data processing and partitioning, storing partitioned data back into Blob Storage.
- Created views on partitioned data in Azure Synapse SQL Serverless and developed APIs for portal access.

Power BI Sample Reports/Dashboards (SELF-LEARNING)

- Financial Reporting
- E-Commerce Sales Reporting
- Fleet Management and many more
- <https://github.com/sahil82764/Power-BI-Reports>

Certificates

- | | |
|---|---------------------|
| • Microsoft Certified: Data Engineer Associate | (01/2023 – 01/2025) |
| • Databricks Certified: Data Engineer Associate | (12/2022 – 12/2024) |
| • Microsoft Certified: Azure Data Fundamentals | (01/2023 – Present) |
| • Microsoft Certified: Azure AI Fundamentals | (01/2023 – Present) |
| • Google Certified: Data Analytics | (10/2023 – Present) |