# SAHIL KHAN

St. John's, NL, Canada
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## PROFESSIONAL SUMMARY

Data Engineer with 2+ years of experience building scalable data pipelines and analytics solutions. Proven track record in Azure cloud technologies, automated ETL processes, and cross-functional collaboration. Master's in Data Science with hands-on expertise in Python, Spark, and modern data stack to drive business insights and operational efficiency.

## EDUCATION

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|---|---|
| **Masters - Data Science** | 09/2024-08/2025 |
| Memorial University of Newfoundland | St. John's, NL, CA |
| **Postgraduate Certificate - Artificial Intelligence** | 09/2023-08/2024 |
| Durham College | Oshawa, ON, CA |
| **Bachelor of Technology - Electronics and Communication** | 08/2017-07/2021 |
| Guru Tegh Bahadur Institute of Technology | New Delhi, India |

## SKILLS

**Programming and Databases:** Python, SQL, PL/SQL, R, KQL, Snowflake, NoSQL/MongoDB
**Data Engineering:** Spark, PySpark, Databricks, ETL/ELT Design, Airflow, dbt, Delta Lake, Unity Catalog
**Azure Cloud Services:** Fabric, OneLake, Data Factory, Synapse Analytics (Serverless/Dedicated), Event Hubs, Azure Cosmos DB, ADLS Gen2, Azure Functions, Logic Apps
**Analytics & Visualization:** Power BI, Tableau, Alteryx; Statistical Analysis
**Testing & Quality Assurance:** Postman, ALM, Test Script Development, Functional Testing
**Project Management & DevOps:** Jira, Scrum, Agile, Git, CI/CD, Docker, Kubernetes
**AI & MLOps:** Azure AI Services (Cognitive Services: Vision, Speech, Language, Translator), model training/validation, ML algorithms, NLP/CV fundamentals, API design/integration

## WORK EXPERIENCE

### DATA ENGINEER                                                      04/2022 – 08/2023
**WOBBLRR**                                                            New Delhi, INDIA

- Built automated ingestion from 8+ sources with ADF and Databricks, standardizing schemas, orchestration, and lineage to cut manual prep and enable daily SLAs for analytics.
- Shipped one-click ingestion pipelines for client-facing onboarding, supporting 15+ marketing campaigns per week with parameterized ADF templates and environment-specific CI/CD.
- Engineered transformation jobs on Databricks feeding Synapse and Power BI, reducing manual reporting effort by 75% via incremental loads, modular notebooks, and Unity Catalog governance.
- Processed 2GB+ daily telemetry and transactional data with batch/incremental patterns in ADF, optimizing storage layout in Azure Data Lake Storage for query performance and cost control.
- Improved dashboard latency by 60% using partition-aware Spark jobs, Z-Ordering, and cached aggregates, with curated Delta Tables in Azure Data Lake Storage Gen2.
- Exposed 12+ REST endpoints for internal portal access via Synapse Serverless views + API layer, enabling 25+ users to self-serve KPIs securely.

### QA ENGINEER                                                        07/2021-03/2022
**DXC TECHNOLOGY**                                                     Bangalore, INDIA

- Analyzed business and functional requirements across 3 banking modules, developing and executing 150+ test scripts covering positive, negative, and edge cases with 95% test coverage.
- Managed 200+ manual test cases according to user stories, release plans, and sprint schedules using Jira, contributing to 4 successful sprint deliveries with zero critical defects in production.
- Conducted comprehensive functional testing of banking applications using Postman, identifying and tracking 85+ software defects to closure using ALM and Jira, achieving 98% defect resolution rate.

## ADDITIONAL EXPERIENCE

### WALMART ASSOCIATE[PT]
**WALMART CANADA**

10/2024 – PRESENT
Mount Pearl, NL

- Unloaded and sorted merchandise trailers, accurately organizing products for efficient inventory processing and store replenishment.
- Maintained cold chain standards by ensuring proper storage temperatures for refrigerated and frozen items during receiving and stocking.
- Supported sales floor operations by moving merchandise from receiving to shelving areas and assisting with stocking to keep shelves full for customers.

### SEASONAL BRAND ASSOCIATE[PT]
**GAP FACTORY**

09/2024 – 11/2024
St. John's, NL

- Engaged with customers to understand their needs, provided knowledgeable product recommendations, and inspired purchases through exceptional service.
- Drove sales by utilizing suggestive selling techniques and promoted loyalty programs to build lasting customer relationships.
- Supported smooth store operations by assisting on the sales floor, in fitting rooms, and at the cash wrap, while maintaining a clean and organized environment.

### RETAIL SALES ASSOCIATE[PT]
**MOKSHA CANNABIS**

10/2023 – 08/2024
North York, Ontario

- Provided detailed information to customers, facilitated informed purchasing decisions, and consistently met sales targets while maintaining a positive store environment.
- Managed inventory to ensure product availability, compliance with age restrictions, and proper organization of stock, contributing to smooth store operations.
- Handled POS/cash transactions using COVA, fulfilled online orders through Dutchie, and was responsible for opening/closing the store and general housekeeping duties within the store.

### CAMPUS WALK STUDENT[PT]
**DURHAM COLLEGE**

09/2023 – 12/2023
Oshawa, Ontario

- Ensured the safety of individuals by offering assistance and safely escorting them to their destinations.
- Complied with and executed Security Officer directives during shifts, ensuring adherence to safety protocols and procedures.
- Shared responsibilities and utilized issued equipment collaboratively with a team partner while maintaining proper attire and cleanliness as per Campus Walk Program standards.

## CERTIFICATIONS

- **Microsoft DP-203**: Data Engineer Associate
- **Microsoft DP-900**: Azure Data Fundamentals
- **Microsoft AI-900**: Azure AI Fundamentals
- **Databricks Certified**: Data Engineer Associate
- **Google Certified**: Data Analytics