

## SAHIL KHAN

458 Meadow Street, Oshawa, ON L1L 1B9

[sahil82764@gmail.com](mailto:sahil82764@gmail.com)

<https://www.linkedin.com/in/sahil-khan-845aa41b3/>

<https://github.com/sahil82764>

+1 (289)-671-5205

### Career Objective

---

Keenly looking forward to being a part of the company that would add practical experience to my theoretical knowledge considering the required skill and relevant educational qualifications; thereby seeking to leverage my technical and professional expertise.

### Education

---

#### Graduate Certificate – Artificial Intelligence

September 2023 – April 2024

Durham College – Oshawa, ON

#### Bachelors in Technology - Electronics and Communication

August 2017 – July 2021

Guru Tegh Bahadur Institute of Technology – New Delhi, India

### Work Experience

---

#### DATA ENGINEER

April 2022 – August 2023

WOBBLRR – New Delhi, INDIA

- Designed and implemented a data ingestion solution to transfer data from various open APIs to Azure SQL DB and Azure Data Lake.
- Developed and maintained efficient data ingestion solutions on Databricks and Azure to analyse real-time fleet data.
- Used Spark and Databricks to process, analyse and uncover trends in real-time fleet data.
- Designed a data lake architecture to store and process large amounts of structured and unstructured data.
- Orchestrated the designing, testing and debugging of new and existing ETL & reporting processes.
- Improve decision-making and operational efficiency by providing real-time insights and collaborating with cross-functional teams.
- Leading a team of interns in multiple projects.

#### ASSOCIATE PROFESSIONAL SOFTWARE ENGINEER

July 2021 – April 2022

DXC Technology – Bangalore, INDIA

- Analysed Business, Functional Requirements and Design Review Documents to develop Test Scripts for positive, negative, edge cases.
- Performed Functional testing of the application to test the system for both functional and business requirements for positive and negative scenarios using ALM or Jira.
- Actively involved in Daily Scrum, Sprint Planning, Sprint Review and Retrospective.
- Creating and executing manual test cases in JIRA for various User Stories based on Release and Sprint Plan.
- Mitigate risks to Business through timely and precise execution of manual test scripts under moderate supervision.
- Documented software application defects and track it to closure.

## Technical Skills

---

- **Platform:** Windows / Linux
- **Language:** Python, SQL, PySpark and SparkSQL
- **Framework:** Databricks (Azure & AWS), Spark, Delta Lake
- **Analytics:** Machine Learning, Statistics
- **Databases:** Azure SQL DWH, MongoDB
- **Data Integration:** Azure Data Factory
- **Serverless Computing:** Azure Functions
- **Data Visualisation:** Ms PowerBI and Tableau

## Projects

---

### HR Management System

July 2023 – Present

Freelancing

- Developing an HR management system (software) for a consultancy firm with Python Flask, utilizing both SQL and NoSQL databases.
- In this project, we focused on streamlining and automating their daily manual tasks to enhance operational efficiency.
- Final output includes automated Excel-based wage summary and payslip generation, saving significant time through task automation.

### Insurance Fraud Detection

January 2023 – February 2023

SELF

- To build a classification methodology to determine whether a customer is placing a fraudulent insurance claim.
- We discussed features regarding person's income and policy details and see whether we could predict the fraudulent claims or not.
- [https://github.com/sahil82764/Fraud\\_Detection\\_Insurance\\_ML](https://github.com/sahil82764/Fraud_Detection_Insurance_ML)

### Power BI Sample Reports/Dashboards

September 2021 – Present

SELF

- 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)
- IELTS Academics: CEFR – C [7.5 Overall] (02/2023 – 02/2025)