

# Sahil Khan

## Data Scientist

Seeking a challenging role, which will utilize my current skills and also introduces new challenges of the industry and learn new things to develop my skillset.

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## WORK EXPERIENCE

### Data Engineer

#### Jaipur, Mandelbulb Technologies

04/2022 - Present

MandelBulb Tech is a Data and AI solution provider in domains such as Manufacturing, Healthcare, Logistics, Knowledge Management and Telecom.

##### Roles and Responsibilities

- Actively working with client to understand the business model to develop an optimized data pipeline architecture.
- Assisted senior level data engineer in the design of ETL processes.
- Leading a small team of interns in multiple projects.
- Created impactful dashboards in PowerBI for data reporting. Extracted, interpreted and analyzed data to identify key metrics and transform data into meaningful, actionable information.
- Used databricks to perform relevant transformation to data stored in different formats over Azure Cloud.

### Associate Professional Software Engineer

#### Bangalore, DXC Technologies

07/2021 - 04/2022

DXC Technology is a Fortune 500 global IT services leader.

##### Roles and Responsibilities

- Creating and Executing manual test cases in JIRA for various User Stories based on Release and Sprint Plan.
- Analyzed 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.
- Document software product defects and track it to closure.

## EDUCATION

### B.Tech - Electronics and Communication

#### Guru Tegh Bahadur Institute of Technology, New Delhi

08/2017 - 06/2021

CGPA - 7.8

## SKILLS

Python

SQL

Spark

Ms PowerBI

Databricks

Data Factory

Azure Cloud

Machine Learning

## PERSONAL PROJECTS

### Forest Fire Prediction (11/2022)

- Project for Predicting Algerian Forest Fires and Fire Weather Index Using Machine Learning with Python.
- In this project, we focused on whether certain weather features could predict forest fires in these regions.
- [https://github.com/sahil82764/Forest\\_Fire\\_Predictor.git](https://github.com/sahil82764/Forest_Fire_Predictor.git)

### Insurance Fraud Detection (12/2022)

- 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.
- [https://github.com/sahil82764/Fraud\\_Detection\\_Insurance\\_ML.git](https://github.com/sahil82764/Fraud_Detection_Insurance_ML.git)

### Power BI Sample Reports/Dashboards (09/2021)

- Financial Reporting
- Fleet Management
- Hotel Booking KPIs and many more
- <https://github.com/sahil82764/Power-BI-Reports.git>

## CERTIFICATES

Databricks Certified Data Engineer Associate  
(12/2022 - 12/2024)

Microsoft Certified: Data Analyst Associate  
(10/2021 - 10/2022)

Microsoft Certified: Azure Data Fundamentals  
(11/2021 - Present)

Scrum Fundamental Certified - ScrumStudy  
(09/2021 - Present)