SAHIL KHAN

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WORK EXPERIENCE

WOBBLLR | DATA ENGINEER   New Delhi, INDIA
Advertisement Group   02/2023 – 08/2023
Azure Cloud, PySpark, Databricks, Data Factory, Synapse, Logic Apps, Data Warehousing, SQL, PowerBI
- Designed an end-to-end architecture for automating data loads from 8+ diverse sources using Azure Data Factory and Databricks, reducing manual processing time by 75%.
- Developed a single-click automated Azure Data Factory Pipeline for client UI, enhancing user experience and streamlining data ingestion for 15+ marketing campaigns weekly.
- Integrated data transformation processes with Databricks, enabling seamless data flow to Azure Synapse and Power BI, supporting real-time dashboard updates for 5+ business stakeholders.

Fleet Management   04/2022 – 08/2023
Azure Cloud, Python, PySpark, Databricks, Data Factory, Synapse, Data Warehousing, SQL, CosmosDB
- Retrieved and processed data from Event Hub and on-premise SQL Server, efficiently storing 2GB+ daily data volumes in Azure Tables and Cosmos DB with 99.5% uptime.
- Orchestrated incremental ADF pipelines for robust data extraction and storage in Azure Blob Storage, processing fleet data for 500+ vehicles across multiple time zones.
- Utilized Databricks for advanced data processing and partitioning, optimizing query performance by 60% and storing processed data back into Blob Storage.
- Created views on partitioned data in Azure Synapse SQL Serverless and developed 12+ RESTful APIs for portal access, improving data accessibility for 25+ end users and reducing query response time by 40%.

DXC TECHNOLOGY | QA ENGINEER   Bangalore, INDIA
European Central Bank   07/2021 – 03/2022
POSTMAN, SCRUM, JIRA, ALM
- 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.

SKILLS

Languages	Python, PL/SQL
Big Data Processing	Spark, Databricks, Data Lake
Databases	Azure SQL DB, Azure Tables, Cosmos DB, SQL Server
Visualization	Power BI, Tableau, Alteryx
Tools & Methodologies	ETL Processes, Data Warehousing, JIRA, ALM, Postman

EDUCATION

Master's - Data Science   09/2024 – 08/2025
Memorial University - St. John's, NL

Graduate Certificate - Artificial Intelligence   09/2023 – 08/2024
Durham College - Oshawa, ON

Bachelor of Technology - Electronics and Communication   08/2017 – 07/2021
Guru Tegh Bahadur Institute of Technology - New Delhi, India

CERTIFICATIONS

- **Microsoft DP-209:** Data Engineer Associate   (01/2023 - 01/2025)
- **Databricks Certified:** Data Engineer Associate   (12/2022 - 12/2024)
- **Microsoft DP-900:** Azure Data Fundamentals   (01/2023 - Present)
- **Microsoft AI-900:** Azure AI Fundamentals   (01/2023 - Present)
- **Google Certified:** Data Analytics   (10/2023 - Present)