SAHIL KHAN

St. John's, NL, Canada

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WORK EXPERIENCE

DATA ENGINEER   04/2022 – 08/2023
WOBBLLR   New Delhi, INDIA

Azure, Databricks, Functions, Data Factory, Synapse, Logic Apps, EventHub, CosmosDB, SQL Server, Data Lake, PowerBI

Advertisement Group

- Designed and implemented automated data workflows integrating 8+ data sources with Azure Data Factory and Databricks.
- Developed one-click Azure Data Factory pipelines for client interfaces, supporting ingestion for 15+ marketing campaigns weekly.
- Built Databricks transformation pipelines feeding Synapse and Power BI dashboards, reducing manual overhead by 75%.

Fleet Management

- Retrieved and processed 2GB+ daily telemetry and transactional data using batch and incremental pipelines with Data Factory.
- Improved dashboard performance by 60% through query-optimized Databricks partitioning and stored data in Blob Storage.
- Created Synapse Serverless views and developed 12+ REST APIs enabling internal portal data access for 25+ user

QA ENGINEER   07/2021 – 03/2022
DXC TECHNOLOGY   Bangalore, INDIA

POSTMAN, SwaggerUI, SCRUM, JIRA, ALM, Ms Excel

European Central Bank

- Analysed 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

Language & DB	Python, R, SQL, PL/SQL, PySpark, Query Optimization, NoSQL
Data Engineering	Distributed Computing, ETL Design, Stream/Event-based Processing, Delta Lake
Data Management	Data Warehousing, Dimensional Modelling, Data Governance, Data Lineage
Analytics & Visualization	Dashboard Design, A/B Testing, Statistical Analysis, Experimental Design
Tools & Methodologies	GIT, Agile Methodologies, Testing Frameworks, Containerization, DevOps
AI & MLOps	Model Training/Validation, ML Algorithms, Natural Language Processing, Computer Vision, Deep Learning Architecture, API Design/Integration

EDUCATION

Masters - Data Science
Memorial University – NL, CA
2024-25

Graduate Certificate - Artificial Intelligence
Durham College - ON, CA
2023-24

Bachelor of Technology - Electronics and Comm.
GTBIT - DL, IN
2017-21

CERTIFICATIONS

- **Microsoft DP-209:** Data Engineer Associate
- **Microsoft DP-900:** Azure Data Fundamentals
- **Microsoft AI-900:** Azure AI Fundamentals
- **Databricks Certified:** Data Engineer Associate
- **Google Certified:** Data Analytics