

ABRAR KHAN

DATA ENGINEER

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272, Shivaji Nagar Jalgaon

EDUCATION

NORTH MAHARASHTRA
UNIVERSITY 2022-2024

- Master of computer application

NORTH MAHARASHTRA
UNIVERSITY 2019-2021

- Bachelor of science(IT)

PROFILE SUMMARY

Experienced and results-driven Azure Data Engineer with a strong background in designing, implementing, and optimizing data solutions on Microsoft Azure. Proficient in leveraging Azure services such as Azure Data Factory, Azure Synapse Analytics, Azure Data Lake, and Azure SQL to build scalable data pipelines, automate ETL processes, and ensure efficient data integration. Skilled in optimizing storage solutions, enhancing performance, and maintaining data security across cloud environments. Adept at collaborating with cross-functional teams to streamline data workflows, support business intelligence initiatives, and deliver actionable insights.

WORK EXPERIENCE ON PROJECT

Log Automation Project – Azure Data
Engineer

2025. PRESENT

- Project Overview:
- Led the design and implementation of a log automation system within the Azure cloud environment to collect, process, and analyze application logs across multiple platforms. The solution streamlined log data ingestion, improved monitoring, and enabled automated reporting for enhanced operational insights.
- Responsibilities:
- Data Pipeline Design: Developed an automated ETL pipeline using Azure Data Factory (ADF) to extract log data from various sources, transform it, and load it into Azure Data Lake Storage for centralized log storage.
- Log Data Aggregation & Processing: Integrated Azure Databricks for real-time processing of log data, enabling automated aggregation, filtering, and transformation of logs before storing them in the data lake.
- Data Analysis & Reporting: Leveraged Azure Synapse Analytics for querying and analyzing large volumes of log data, providing insights into system performance, error rates, and usage patterns. Developed automated reporting and dashboards with Power BI to visualize key metrics.
- Automation & Scheduling: Utilized Azure Logic Apps to trigger automated workflows and set up scheduled tasks, ensuring logs were consistently processed and analyzed without manual intervention.
- Security & Compliance: Implemented data security best practices, including encryption of log data at rest and in transit, along with role-based access control (RBAC) to ensure data integrity and compliance with organizational security policies.
- Monitoring & Alerts: Integrated Azure Monitor and Application Insights to monitor the performance and health of the log automation system, setting up alerts to notify the team of anomalies or system failures in real time.
- Optimization: Optimized the log automation process for cost-efficiency and performance, leveraging Azure Storage tiers and Azure Data Lake Analytics for scalable log processing.
- Key Achievements:
- Reduced manual intervention and processing time for log data by 75%.
- Improved the visibility of system issues and trends, enabling proactive troubleshooting and faster response times.
- Achieved significant cost savings by optimizing cloud resource usage and automating repetitive tasks.

LANGUAGES

- English: intermediate
- Hindi : fluent
- Urdu: fluent
- Marathi : intermediate