RESUME

**NAUSHAD C B**

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**Professional Summary**

Highly skilled Data Engineer with 8 years of experience in designing, developing, and maintaining data architectures, data pipelines, and ETL processes. Proficient in a wide range of data management tools and technologies, with a strong focus on optimizing data workflows to ensure data integrity and accessibility. Adept at collaborating with cross-functional teams to deliver high-quality, scalable solutions that drive business insights and decision-making.

**Professional Experience**

2024: *Senior Data Engineer,* **Adisols LLC, Fremont, CA** from 1st July 2024 to till date

2021-2023: *Senior Data Engineer*, **Kyndryl India Pvt. Ltd**., **Bangalore** from 1st September 2021 to 19th December 2023.

2020-2021:*Senior**Data Engineer*, **IBM India Pvt. Ltd., Bangalore** from 1st April to 31st August 2021.

2015-2020:*Data Engineer*, **IBM India Pvt. Ltd., Bangalore** from August 11th2015 to 31st March 2017.

**Project Details:**

**Client: Adisols LLC, Fremont, CA**

**Period: July 2024 to till date**

**Role: Senior Data Engineer**

* Developed and maintained robust data pipelines utilizing Azure Data Factory (ADF) for real-time data availability.
* Secured sensitive data using Azure Key Vault, implementing rigorous data security protocols across applications.
* Designed scalable data models and architectures using Azure Data Lake Store (ADLS), supporting flexible data solutions.
* Oversaw data governance and compliance using Unity Catalogue, ensuring comprehensive data lineage and integrity.
* Executed ETL processes effectively, maintaining data accuracy and timeliness with technologies like Python and SQL.
* Applied Agile methodologies to manage project workflows, enhancing team collaboration and project delivery.
* Automated numerous backend processes using Python scripts, simplifying complex data transformations and analyses.
* Managed large-scale data storage solutions using Azure SQL Database and ADLS, ensuring high performance and scalability.
* Orchestrated multi-faceted data ingestion mechanisms using Azure Event Hubs, providing a unified approach to data entry.
* Enhanced data extraction and loading capabilities with Azure Data Factory, achieving more efficient data synchronization.
* Conducted performance tuning of data-intensive applications, optimizing them for faster response times and lower resource consumption.
* Utilized Git for version control, managing code updates and collaboration efficiently across multiple development teams.

**Client: Wesco**

**Period: April 2020 – December 2023**

**Role: Senior Data Engineer**

* Designed and implemented end-to-end data solutions on Azure, including data ingestion, transformation, and storage using Azure Data Factory, Azure Databricks, and Azure Data Lake Storage.
* Developed and optimized data pipelines to ensure efficient data processing and integration across heterogeneous data sources.
* Implemented data transformations using Azure Databricks and Spark for processing large-scale datasets.
* Hands on experience in creating parameterized pipelines in Azure Data Factory V2 using activities like Move &Transform, Copy, filter, for each, Get Metadata, Lookup, Databricks Notebook, Web, Stored Procedure, Switch etc.
* Utilized Azure Databricks and Spark for processing large-scale datasets and implementing data transformations.
* Leveraged Snowflake for cloud-based data warehousing, enabling more dynamic and scalable data storage options.
* Provisioning ADF, Storage account, ADLS, Blob, Container and HD Clusters.
* Writing SQL queries using Databricks.
* Creating alerts for all Azure resources.
* Conducted performance tuning and optimization of SQL queries and stored procedures for improved data retrieval times.
* Troubleshoot Cluster issues.
* Providing Blob access using Azure storage Explorer.
* Collaborated with cross-functional teams to optimize data models and queries for Azure Synapse Analytics.
* Working knowledge of data warehousing.
* Basic knowledge of stored procedures
* Working knowledge of Azure Event Hubs and Azure Stream Analytics.

**Client: Chubb Insurance**

**Period: August 2015 – March 2020**

**Role: Data Engineer**

* Developed and maintained robust data pipelines utilizing Azure Data Factory (ADF) for real-time data availability.
* Secured sensitive data using Azure Key Vault, implementing rigorous data security protocols across applications.
* Designed scalable data models and architectures using Azure Data Lake Store (ADLS), supporting flexible data solutions.
* Oversaw data governance and compliance using Unity Catalogue, ensuring comprehensive data lineage and integrity.
* Executed ETL processes effectively, maintaining data accuracy and timeliness with technologies like Python and SQL.
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**Technical Skills:**

* Cloud Platforms: Microsoft Azure (Azure Data Factory, Azure Databricks, Azure Synapse Analytics, Azure SQL Database, Azure Data Lake Storage, Azure Logic Apps), Snowflake
* Programming Languages: SQL, Python
* Data Ingestion Tools: Azure Data Factory
* Big Data Technologies: Spark
* Databricks, Jupyter Notebook
* Version Control: Git

**Certifications:**

* Microsoft Certified: Azure Data Engineer Associate (DP - 203)
* Microsoft Certified: Azure Fundamentals (AZ – 900)

**Education:**

**University of South Australia, Master of Engineering, Adelaide** **2011**

Major: Telecommunications

**Sree Vidyanikethan Engineering College, Bachelor of Technology, Tirupati 2007**

Major: Electronics and Instrumentation