Narendra

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PROFESSIONAL SUMMARY

- 7+ years' experience in technology roles, with solid technical experience and subject matter expertise across number of core areas
- Having 4 years of experience in **Microsoft Azure Cloud technologies**
- Having 2.5 years of experience in **SQL DB.**
- Diverse experience in **Development and Maintenance projects.**
- Hands-on experience in **Azure Analytics Services – Azure Data Lake Store (ADLS), Azure Data Lake Analytics (ADLA), Azure SQL DW, Azure Data Factory (ADF)** etc.
- Excellent knowledge of **ADF building components – Integration Runtime, Linked Services, Data Sets, Pipelines, Activities.**
- Designed and developed **data ingestion pipelines from on-premise** to different layers into the **ADLS using Azure Data Factory (ADF V2)**.
- Good knowledge on **polybase external tables** in SQL DW.
- Good exposure to **DataFrames and Spark SQL**
- Designed and developed **audit/error logging framework in ADF**.
- **Orchestrated data integration pipelines in ADF** using various Activities like GetMetadata, Lookup, ForEach, Wait, Execute Pipeline, Set Variable, Filter, until, etc.
- **Implemented dynamic pipeline** to extract the multiple files into multiple targets with the help of single pipeline.
- Automated **execution of ADF pipelines using Triggers**
- Have knowledge on Basic **Admin activities** related to ADF like providing access to ADLs using service principle, install IR, created services like ADLS, logic apps etc.
- POC using AZCOPY for copying files to Azure storage (blob, file share).
- POC using ADLCOPY to copy bob to ADLS and ADLS to ADLS.
- Extensively worked on data source types – SQL server, flat-files, JSON, CSV, GZIP etc.
- Experience in SQL – Joins/co-related queries/sub-queries etc.
- Good knowledge of stored procedures, functions, triggers, views, etc.
- **Designed Azure Logic apps application** to send pipeline success/failure alert emails, file unavailability notifications etc.
- Strong documentation skills.
- Significant experience of complex IT programme and service architecture involving dependency management and multi-supplier deliveries in a technical architecture capacity.
- Strong hands-on experience and knowledge of public cloud solution ecosystem coupled with a broad understanding of the range of technologies.
- Experience of designing and building cloud architectures in support of IT program and projects
- Extensive hands on experience in Private and Public Cloud Solutions with a proven track record of successfully delivering innovative roadmaps, strategies and solutions.
- Highly experienced in defining the Enterprise Architecture, delivering large IT designs and Datacenter Transformation projects, Application rationalization.
- Expertise in planning, designing servers for backup and recovery in AWS, restoring application, VM's. in case of crash/ emergencies and maintaining high availability across the environment.
- Deep expertise in evaluating customer data. (Data Collection, Data Analysis, Capacity Planning, Event/Alarm processing, Trending and Tuning)

- Proficient & Hands-on experience in architecting, designing and managing continuous delivery systems and methodologies AWS platforms.
- Strong understanding of container technology (Docker), container architecture, deployment patterns (single/multi container).
- Knowledge on database administration (Oracle and MS SQL).
- Proficient in administering and providing support for Windows 2008 R2, Windows 2012.
- Good knowledge on RHEL6 and RHEL 7 Operating systems.

EXPEREINCE

- Currently working with Currently working with **NETFINITY Technologies** from December 2016 to till date,

Technical Skills:

- Cloud Platform: **Microsoft Azure**
- Operating System: Windows
- Tools: **Azure Data Factory**
- Database: SQL server, Azure DW,Azure SQL

Project: 1

Project details	Development and Support
Organization	**NETFINITY Technologies**
Client	**Network Rail (UK)**
Role	software engineer

✔ Involving in creating Azure Data Factory pipelines that move, transform, and analyse data from a wide variety of sources

✔ Transform the data to Parquet format and

✔ File based incremental Load of data as per Vendor refresh schedule

✔ Creating Triggers to run pipelines as per schedule

✔ Configuring ADF pipeline parameters and variable

✔ Create pipelines in Parent and child pattern

✔ Creating Triggers to execute pipelines sequentially

✔ Monitoring Dremio Data Lake Engine to deliver data to the customers as per business needs

Project: 2

Project details	Development and Support
Organization	Atlas Systems
Client	Acushnet
Role	Associate software engineer

✓ Created Linked Services for multiple source system (i.e.: Oracle, SQL Server, Teradata, SAPHana, ADLS, BLOB, File Storage and Table Storage).

✓ Created Pipeline's to extract data from on premises source systems to azure cloud data lake storage; Extensively worked on copy activities and implemented the copy behavior's such as flatten hierarchy, preserve hierarchy and Merge hierarchy; Implemented Error Handling concept through copy activity.

- ✓ Exposure on Azure Data Factory activities such as Lookups, Stored procedures, if condition, for each, Set Variable, Append Variable, Get Metadata, Filter and wait.

- ✓ Configured the logic apps to handle email notification to the end users and key shareholders with the help of web services activity; create dynamic pipeline to handle multiple source extracting to multiple targets; extensively used azure key vaults to configure the connections in linked services.

- ✓ Configured and implemented the Azure Data Factory Triggers and scheduled the Pipelines; monitored the scheduled Azure Data Factory pipelines and configured the alerts to get notification of failure pipelines.

- ✓ Implemented delta logic extractions for various sources with the help of control table; implemented the Data Frameworks to handle the deadlocks, recovery, logging the data of pipelines.

- ✓ Deployed the codes to multiple environments with the help of CI/CD process and worked on code defect during the SIT and UAT testing and provide supports to data loads for testing, implemented reusable components to reduce manual interventions

- ✓ Knowledge on Azure Databricks to run Spark-Python Notebooks through ADF pipelines.

- ✓ Using Databricks utilities called widgets to pass parameters on run time from ADF to Databricks.

- ✓ Created Triggers, PowerShell scripts and the parameter JSON files for the deployments

- ✓ Reviewing individual work on ingesting data into azure data lake and provide feedbacks based

on reference architecture, naming conventions, guidelines and best practices

✓ Implemented End-End logging frameworks for Data factory pipelines.

✓ Worked extensively on different types of transformations like Query transformation, Merge, Case, Validations, Map-operation, History Preserving and Table Comparison transformations etc.

✓ Extensively used ETL to load data from flat file and also from the relation database.

✓ Used BODS Script and Global Variables.

✓ Extracted data from different sources such as Flat files, Oracle to load into SQL database

✓ Ensuring proper Dependencies and Proper running of loads (Incremental and Completeloads).

✓ Maintained warehouse metadata, naming standards and warehouse standards for future application development.

✓ Involved in preparation and execution of the unit, integration and ed to end test cases.

Project #3: **Data Bureau**:

Client   : Data Bureau
Business   : Competitor price intelligence across all the competitor store&
online channels based on a
                          defined Scope.
Technologies   : ADF, ADB, Blob Storage, ADLS Gen2, and Power BI
Cloud Data Warehouse : Azure SQL Database
Role   : Data Engineer

Project Description:

Data Bureau platform provides competitive intelligence services, which is an end-to-end managed service offering. These services provide competitor price intelligence across all the competitor store and online channels, based on a defined scope. We are extracting data from sources like SQL server, flat files like CSV,JSON and move data into to Azure SQL Database for reporting and analysis. Reporting users are consuming the data from warehouse and prepared different reports based on user requirements.

Roles & Responsibilities:

➢ Hands on development experience with Azure BI Services like ADF, Azure Blob, ADLS, Logic Apps, Key Vault, Azure SQLDB, Synapse.

➢ Created **dynamic pipelines and datasets as re-usable component** to carry out data transformations and data movement.

➢ Created **Medium** and **complex initial & incremental load**

- **Pipelines** to move data from different heterogeneous sources like **on-premise RDBMS, Flat**
- **files, JSON files etc. into Azure Blob and then into Azure SQLDB.**
- Hands on experience in creation of Pipelines with different activities like **Copy Data**, **Lookup, Switch, Filter, Metadata, For Each, Pipeline, Validation, set variable, Wait, Until, etc.** and **Data Flow activity** and its transformations like **Select**, **Join, Derived column, Lookup, alter row, exists, conditional split, etc.**
- Created **dynamic pipelines, datasets** and **dynamic configuring cluster to spun as re-usable component** to carry out data transformations and data movement.
- Strong exposure on **Logic apps** to **send Email notifications, write blob to store, generate excel outputs, to get log files etc.** based on pipeline events.
- Involved in **creating DB, Server, IR's and setting up server configurations** and **firewall settings. Azure services Access policies** and **Keys management**
- Worked on creating **Triggers** and **scheduling pipelines**.

Project #4: **EDF Energy Data intelligence tool:**

Client   : EDF Energy
Business   : Manufacturing
Technologies   : Azure Data factory, Azure Data Lake, Azure Blob Storage, And Power BI
Cloud Data warehouse   : Azure synapse analytics
Role   : Software Developer.

Project Description:

EDF Energy is a British integrated energy company with operations spanning electricity generation and the sale of natural gas and electricity to homes and businesses throughout the United Kingdom. We are extracting data from different sources like sql server, flat files, and move data into to Azure synapse analytics for reporting and analysis. Reporting users are consuming the data from warehouse and prepared different reports based on user requirements.

Roles&Responsibilities:

- Participating in the scrum calls to get the requirements and provide the updates for assigned tasks.
- Prepared the Azure data factory pipelines based on business requirements Implemented Control flow activities: Copy activity, Pipeline, Get Meta data, If Condition, Lookup, Set Variable, Filter, For Each pipeline Activities for On-cloud ETL processing
- Implemented the data flow logic to do transformation in azure data factory.

- Implemented the dynamic data set components to work for different objects.
- Trigger the pipelines based on schedule intervals.
- Prepared the external tables, dimension and fact tables in azure synapse based on user requirements.
- Prepared the business logic using procedures in azure synapse analytics based on user requirements.
- Involved in bug fixing.