

**Name:** VAMSHI BHARATH

**Mobile:** +91-9550151329

**Email:** poojari.bhaarith@gmail.com

#### Experience Summary:

- Having 4 years of experience in IT industry along with the 3 years of relevant Experience in developing data integration solutions in Microsoft Azure Cloud Platform using services Azure Data Factory [ADF], Azure SQL Databricks [ADB], Azure Blob Storage, Azure Data Lake Storage [ADLS].
- Experience in creating various datasets in ADF using linked services to connect to different source and target systems like Azure Blob Storage, Azure Data Lake Storage
- Good hands-on experience in creating various parameterized Azure Data Factory pipelines using activities like Lookup, Execute Pipeline, For Each, Copy, Switch, if condition, Get Metadata.
- Proficient in creating Azure Poly base scripts to load data from external data sources like ADLS and Azure Blob into Azure Synapse.
- Expertise in writing simple SQL queries, Joins, Stored procedures using Azure Synapse analytics, SQL Server
- Conducted data profiling on source systems to review and understand the data, understand the structure and format, relationships between parts of data and to identify potential data quality issue
- Highly motivated to take independent responsibility as well as ability to contribute and be a productive team member.

#### Professional Experience

- Working as a Azure Data Engineer for Novitas Technologies Private Limited.

#### Education Details:

- Btech in Electrical and Electronics Engineering from J.N.T U, Hyderabad.

#### TECHNICAL SKILLS:

Data Integration Tools	Azure Data Factory, Azure Data bricks, Synapse
Databases	SQL
Azure Storage Accounts	Azure Blob Storage, Azure Data Lake Storage

Languages	SQL, Python and Py Spark
-----------	--------------------------

## PROJECT DETAILS:

### PROJECT#1:

Project Name: Data Lake Data Engineering

Client: Chevron

Environment: Azure data factory, Azure data bricks, Azure Sql db, ADIS Gen2

### Description:

Data lake Technology Platform is modern technology foundation delivered in a secure hosted ecosystem that integrates client data industry specific data feeds and the power of Media unique capabilities in data analytics and advanced AI to deliver Enhanced opportunities throughout customer lifecycle.

### Roles and Responsibilities:

- Perform data profiling for the source data to understand the structure, data, format, granularity, relationships between different source objects.
- Participate in Sprint planning meetings to understand the scope of work and to provide effort estimates.
- Have the required linked services created in Azure Data Factory [ADF] by the Azure Platform team to connect to various sources and targets like File share, Azure Blob Storage, Azure Data Lake Storage.
- Create datasets in ADF as per requirement to identify data [like relational tables, folders, files etc.] within the linked data servers
- Create SQL Server Polybase scripts to create external tables on files stored in Azure blob storage.
- Develop Databricks notebooks and SQL Server stored procedures to apply business transformation rules on source data and to merge into the Azure Synapse Analytics data warehouse.
- Provide warranty support once code is deployed into the production environment.
- Mentor new team members in the project by onboarding them, conducting knowledge transfer sessions and closely monitoring their progress to bring them up to speed.
- Worked on the Data flow activities like copy, lookup, for each, if activities based on the requirement

## Project#2:

Project Name: EDAP –Common Ingestion

Client: Communication and Media.

Environment: PySpark, python, data bricks, ADF,Azure Devops

Duration: June 2019- April 2021

## Description:

The goal of Data Science technical delivery platform ingestion is to connect and ingest data from on- Prem & Azure/External system of records in its original format and land ingested raw data in to Enterprise Azure Data lake which is based on Azure ADLS Gen2. Data Science technical delivery platform ingestion generates fetcher life cycle events and capture data provenance information during execution. Captured information is delivered to Data Science technical delivery platform orchestrator through event based integration for further processing.

## Roles &Responsibilities:

- Work closely with Business users and design architects to understand the business requirements and to prepare the source to target mapping design documents and design documents
- Review the mapping documents with respective stakeholders and get the sign off
- Perform data profiling for the source data to understand the structure, data, format, granularity, relationships between different source objects.
- Participate in Sprint planning meetings to understand the scope of work and to provide effort estimates.
- Have the required linked services created in Azure Data Factory [ADF] by the Azure Platform team to connect to various sources and targets like File share, Azure Blob Storage, Azure Data Lake Storage.
- Create datasets in ADF as per requirement to identify data [like relational tables, folders, files etc.] within the linked data servers
- Create SQL Server Poly base scripts to create external tables on files stored in Azure blob storage
- Develop Databricks notebooks and SQL Server stored procedures to apply business transformation rules on source data and to merge into the Azure Synapse Analytics data warehouse
- Mentor new team members in the project by onboarding them, conducting knowledge transfer sessions and closely monitoring their progress to bring them up to speed.