

Santhosh A

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Azure Data Engineer

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PROFESSIONAL SUMMARY

- Having **8.2 Years** of experience in **Microsoft Business intelligence tools Azure Data Factory, SSIS, SSRS and SQL Server**.
- Implementation of on Azure Cloud Components- Azure Data Factory, Azure Blob Storage and Azure SQL DB/DW.
- Implemented data movement by using Azure data factory from on premise to cloud and between cloud services.
- Experience in implementing Azure Data factory components such as Linked services, Datasets, Pipeline and Activities.
- Working with azure data factory control flow transformations such as for each, Lookup activity, Get metadata Activity, Copy activity, if condition activity.
- Implemented Dynamic Data loading using a Config. Table using components Lookup, for each and Copy Data activities for the tables which are configured in the Config. Table.
- Experience in implementing incremental Data Load in ADF.
- Scheduled the pipeline using Triggers.
- Good Experience in working with GitHub as a source control.
- Having knowledge in working with Data bricks and PySpark.
- Having knowledge on PySpark modules such as RDD and DataFrames.
- Having good knowledge on Azure storage concepts.
- Experience in design and development of **SSIS** packages.
- Experience in Data Transformations like Data Conversion, Conditional Split, Lookup, Derived Columns, Sort, Aggregate and Execute SQL Task to load data into Data warehouse.
- Experience in preparing High and Low-Level Design document and implementing Flowchart's using Microsoft Visio.
- Prepare Source destination mapping document.

Technical Skills

Azure Cloud Data Services : ADF, Storage Account, SQL DB,SQL DW, Data bricks.

ETL Tool : SQL Server Integration services (SSIS).

Reporting Tool : SSRS

RDBMS : MS SQL SERVER,T-SQL.

Operating Systems : Windows Family.

Work Experience

- Worked with **CGI** as Software Engineer since September 2014 to October 2018.
- Worked with **Infosys** as Technology Analyst since October 2018 to Jan 2020.
- Working with **NTT Data** as Software Developer Specialist since March 2020 to till Date

Education Details

- Bachelor of Technology in **Computer Science** (2013) from **KL University**

Project Experience

Project #3:

Client : LTCG(Long term care group)

Duration : March 2020 to till Date.

Environment: Azure Data Factory, Azure Data bricks, SSRS, GIT, Azure DevOps, Active Batch.

Description: -

LTCG is engaged in Insurance & personal care business in diverse business areas. It will have Claims, Insurance, Life, Account etc. By Using azure data factory create pipelines moving data from source to sink.

Responsibilities: -

- Involved in requirements gathering, analysis, design, and development.
- Implementation of Azure Cloud Components- Azure Data Factory, Azure Blob Storage, Azure SQL DB/DW.
- Designing ETL using Azure data factory to collect and process the data.
- Implementing Azure Data factory components such as Linked services, Datasets, Pipeline and Activities.
- Working with azure data factory control flow transformations such as for each, Lookup activity, Metadata Activity, Store Procedure Activity, if condition activity.
- Experience in implementing incremental Data Load in ADF.
- Good Experience on Scheduled the pipeline using Triggers.
- Schedule, run and monitor the pipelines.
- As per requirements developed the reports in the form of Matrix, Table and Chart using SQL Server Reporting Services.

Project #2:

Client : Everest Re - USA

Duration : November 2018 – January 2020.

Environment: Power BI, SSIS, SQL SERVER, T-SQL

Project Description: -

Corporate Application is a segment of Everest re, where they deal with the application which are being used by Everest officials. This project is mainly for Migration of DGAAP Qulikview reports to Power BI dashboards.

Responsibilities: -

- Gathering Business Requirements from End Users.
- Creating SSIS Packages by using different Data Transformations like Derived Column, Lookup, Conditional split, Lookup, Multicast, Union all and Execute SQL.
- Using ETL Tool like SSIS with the control flow tasks such as Dataflow Task, Execute SQL Task, Bulk Insert Task, Script Task and Execute Package Task...etc
- Implementing Checkpoints in SSIS package.
- Have Involved on Deployment of SSIS packages.
- Involved in creating Dashboard's style of reports using Power Bi Desktop Visualizations like Bar Chart, Line Chart, Table, Matrix, Card, Slicer etc.
- Responsible for Unit Testing.

Project #1:

Client : SHELL - UK

Duration : December 2015 – October 2018.

Environment : SSIS, SSRS, SQL Server.

Project Description:-

The Integration Platform is a key component of the H3 Shell Card Issuing Platform that supports the Shell B2B Fuel Cards Business. It does not fulfil any direct business functionality, but provides a technical capability providing integration both within the H3 platform, and between H3 subsystems and external systems, including Shell and non-Shell systems.

The Integration Platform supports other subsystems by transforming data between external systems' formats and internal H3 subsystems' formats. It provides file transformations, handles real-time message transformations and lays down the foundation for an Enterprise Service Bus to be exploited as the H3 Platform evolves in the future.

Responsibilities: -

- Designed various SSIS modules in order to fetch the data in the data staging environment based on the different types of incoming data.
- Worked on control flow and data flow tasks.
- Extracting data from multiple sources like flat files and SQL server and transforming, cleansing, validating data and loading into final Destination.
- Excellent knowledge of using variables and expressions in packages.
- Created Event Handlers for the Packages Using Event Handler Tab for Error Handling.
- Involved in Deploying SSIS Packages using File System.
- Debugging and Validating the Data flows and Control Flows.
- Responsible for Unit Testing.