

ASWITHA.P

Bengaluru.

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Target Sector: Data bricks, Data Warehousing Lifecycle.

Over 4.5 years of IT experience in Data bricks, Data Warehousing life cycle management and related applications and also strong working experience on the Transformation and Loading of data from multiple sources into Data Warehouse using Pyspark.

PROFESSIONAL PROFILE

- Working as a Senior Engineer in BSH (Bosch and Siemens) from August 2021 to till date.
(Tool Used: Storage Explorer, SSMS, Azure Data Studio, Jira.)
- Worked as an Engineer Associate in Regal Beloit Corporation from November 2019 to August 2021.
(Tool Used: Azure Data Studio, Jira.)

ACADEMIC PROFILE

S.NO	Qualification/ Degree	College/University	% of marks	Academic Year
1	B.Tech	Rajiv Gandhi University(IIT)	78	2014-2017
2	Intermediate (MPC)	Rajiv Gandhi University(IIT)	75	2011-2013
3	SSC	SBB ZP High School	93	2009-2010

TECHINICAL SKILLS

- Experienced on implementing SCD1, SCD2 using delta lake.
- Experienced in implementing data validations using pyspark.
- Experienced in scheduling data bricks notebooks using data bricks jobs.
- Experienced in implementing audit logs in every notebook.
- Experienced in implementing the exception handling and logging in every data bricks notebook.
- Experienced in implementing dynamic notebooks using notebook parameters.
- Hands on knowledge on using dbutils commands.
- Hands on knowledge on processing different file formats like csv, parquet, json etc.
- Hands on knowledge on different connectors in data bricks like creating mount point to connect to data lake storage.
- Hands on knowledge on creating JDBC connections from data bricks to azure synapse.
- Hands on knowledge on using different spark operations.
- Hands on knowledge on converting unrefined data to refined data using pyspark.
- Have used different types of joins in pyspark.
- Strong knowledge on analytics functions like window, rank and dense rank etc.
- Hands on knowledge on integrating data bricks with azure key vault.
- Good knowledge on creating scope in data bricks.

Technologies	Data bricks
Data Bases	SQL Database, Synapse
Azure Storages	Azure Data Blob Storage, Azure Data Lake Store Gen2.
Languages	SQL, Python
Tools	Storage Explorer, SSMS, Azure Data Studio, Jira

CAREER GRAPH

CURRENT EMPLOYER : BSH (BOSCH AND SIEMENS)
DESIGNATION : SENIOR ENGINEER.
DURATION : AUGUST-2021 TO TILL DATE

Projects Handled: Regal Beloit

Project 1: Morgan

Duration: February 2020 to October 2020

Roles and Responsibilities

- Attending sprint meetings to gather business requirements.
- Attending DSM for task tracking and updates.
- Created python notebooks in data bricks.
- Created widgets in data bricks notebooks for passing dynamic values to notebooks.
- Developed pyspark code for data validations.
- Developed pyspark code for Dimensions implementation.
- Developed pyspark code for converting csv to parquet file.
- Scheduled data bricks notebooks using data bricks jobs etc.
- Implemented audit framework in data bricks notebooks.

Project 2: KFC (Keen For Cooling Data)

Duration: November 2020 to August 2021

Responsibilities

- Attending sprint meetings to gather business requirements.
- Attending DSM for task tracking and updates.
- Created python notebooks in data bricks.
- For testing, used magic commands and written spark sql for testing code.
- Created widgets in data bricks notebooks for passing dynamic values to notebooks.
- Developed pyspark code for data cleansing like trimming of columns and duplicate checks, key duplicates etc.
- Developed pyspark code for SCD Type1 using merge functionality.
- Developed pyspark code for converting csv to parquet file.
- Scheduled data bricks notebooks using data bricks jobs to run daily.
- Implemented audit framework in data bricks notebooks to identify missing records.

Projects Handled: BSH (Bosch and Siemens Household)

Project 3: Sensor Data

Duration: September 2021 to till date

Responsibilities

- Development of pipelines, Linked services, Datasets in Azure Data Factory version2.
- Integrating the data bricks notebooks with ADF.
- Configuring the key vaults.
- Creating a various ADF pipeline to achieve the business scenario.
- Configuration of Azure Cloud services that includes Data Lake Storage, Azure SQL Db.
- Implemented email feature using Azure Logic-Apps to get pipeline notifications.
- Attending the daily stand-up calls, sprint planning and grooming meeting.

Personal Details:

Name : Aswitha. P
Father's Name : Satyanarayana. P
Permanent Address : H No: - 4-135
East Godavari DT, Mamidikuduru Mandal
Appanapalli, Andhra Pradesh.
Date of Birth : 07-JUNE-1996
Marital Status : Single
Nationality : Indian
Hobbies : Playing table tennis, listening music and spending time with family.
Languages Known : English, Telugu and Hindi.

Declaration:

I hereby declare that the above information is true, complete and correct to the best of my Knowledge and belief.

Place: Bengaluru

(Aswitha.P)