ADINA JOSHI SATYA VARDAN

SKILLS

Programming
Python · MYSQL · Pyspark

Data
Pipelines · ETL Pipelines · MySQL ·

Data warehouse · Big data · Hive · Spark ·

Hadoop · MapReduce · Delta lake

Cloud
Azure · Azure Data Lake ·

Azure Data Factory pipeline design ·

Azure Data Bricks · Azure Synapse ·

Azure Key Vault

CERTIFICATION

Python Certification
HackerRank,2023

Az-900 Certification by Microsoft
Credential ID: 8A9E7A1F7C7CEAEB
Certification number: C6C042-59C748
Earned on: September 14, 2024

DP-900 Basic Certification by Microsoft
Credential ID: CE8942396560E577
Certification number: 9E240E-5F04EC
Earned on: September 28, 2024

Data Warehouse
Udemy,2023

Masterclass on Azure Data Factory - Data Engineer
Udemy,2024

DP-203 : Microsoft Certified Azure Data Engineer Associate
Udemy, 2024

PYSPARK End to End Developer Course (Spark with Python)
Udemy,2024

PySpark - Apache Spark Programming in Python for beginners
Udemy,2024

Programmer Analyst Trainee

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📍 Hyderabad,AP

SUMMARY

Passionate and results-driven Azure Data Engineer with hands-on experience in Azure cloud services, data ingestion, transformation, and analysis. Eager to leverage my practical training experience and expertise to contribute effectively to the success of projects as a valued member of the team.

EDUCATION

B.Tech Electrical And Electronic Engineering   2020 - 2023

SRKR Engineering College   Bhimavaram,India

GPA | **8.5** / 10

Diploma Electrical And Electronic Engineering   2017 - 2020

SMVM Polytechnic College   Tanuku, India

• 97%

10th   2016 - 2017

Akshara English Medium School   Tanuku, India

• GPA|9.7/10

EXPERIENCE

Programmer Analyst Trainee   2023 - Present

Cognizant Technology Solution   Hyderabad,India

Certified Skill Development Intern(Gen C Intern CSD)   12/2023 - 04/2024

Cognizant Technology Solution   Coimbatore, India

- Cognizant Technology Solutions Gen C CSD Intern (Cloud Data Engineer) from December 2023 - April 2024 Completed an intensive 5-month Azure Cloud training program at Cognizant as Gen C CSD(certified skill development) trainee, with a focus on data engineering essentials.
- Commenced with foundational Python and MySQL training, followed by comprehensive learning in Data Orchestration essentials such as Data Warehousing and ETL tools.
- Proficiently navigated through a plethora of Microsoft Azure services including Azure Data Lake,Azure Key Vault, Azure Logic App, Azure Data Factory, Azure Synapse, Azure SQL,and Azure Databricks, tailored for aspiring Data Engineers.
- Hands-on experience in designing and implementing data pipelines for diverse scenarios like ETL, ELT, and EL using Azure Data Factory, coupled with insightful data analysis using Azure Synapse.
- Additionally, gained fundamental insights into Big Data technologies, delving into the Hadoop ecosystem encompassing Hive, Sqoop, and HDFS.
- Developed successful project goals and strategies in collaboration with team members.
- Excited to leverage this expertise in driving impactful data-driven solutions.

PROJECTS

Azure Data Factory Capstone - COVID-19 Use Case Skills:Azure Data Factory, Azure Synapse, Azure data lake, Azure key vaults,Azure Logic apps

- GitHub: https://github.com/adinajoshi2002/Azurefiles/blob/main/interim%20project/2320097_joshi_project_documentation.pdf
- Implemented Azure Data Factory pipeline for data movement and Azure Synapse for data processing, enhancing skills in Azure services.
- Created a container within the storage account to organize and manage data efficiently. Uploaded relevant files into the designated container within Azure Data Lake Storage.
- Created an Azure Synapse workspace, providing an integrated environment for big data and analytics. Configured a dedicated pool within Synapse to handle data processing and querying.

- Designed and defined necessary tables within the dedicated pool to structure the data. Ensured proper schema and data types for efficient querying.
- Created parameterized table within synapse dedicated pool and stored procedure for call that parameterized table.
- Developed an Azure Data Factory (ADF) pipeline to orchestrate data movement from Azure Data Lake Storage to Azure Synapse dedicated pool by performing Extract and Load.
- Utilized ADF activities such as lookup,for each,Copy to efficiently load files into Synapse. Lookup activity picks records from parameterized table by using stored procedure and copy activity will load data from ADLS into tables in synapse dedicated pool.Leveraged SQL queries within Synapse to extract meaningful insights from the loaded data.
- Leveraged SQL queries within Synapse to extract meaningful insights from the loaded data.

Product Sales Analysis Using Databricks
Skills: Azure Data Factory, Azure Databricks, Azure data lake, Azure key vault,Azure Logic apps

- GitHub: https://github.com/adinajoshi2002/Azurefiles/blob/main/final%20project/2320097_joshi_final_project.pdf
- Managed data ingestion, processing, and visualization using Azure Data Factory, Azure Databricks, and Azure Data Lake, with advanced data transformations and real-time email notifications.
- Developed a mechanism to identify and process files received within the last 24 hours,extracting and loading them into a refined staging layer in Azure Data Lake Storage (ADLS).
- Implemented data ingestion from a source URL, storing data in the raw layer as compressed zip files.By using copy activity to fetch zip file from external URL into azure cloud storage, get Metadata to fetch last 24 hours file in storage account,for each loop inside one copy activity to unzips files from raw staging layer to refined staging layer.

- Utilized Azure Databricks for data processing and cleansing, ensuring data quality and integrity. Enhanced raw data files by adding structured headers and performed data transformations.
- Executed advanced data transformations including joining disparate datasets, filtering out null entries, and deriving additional insights such as comparing Standard Cost and List Price.
- Created managed Delta tables within Azure Databricks and established external Delta tables, enabling seamless integration of processed data into the data lake container.
- Generated insightful visualizations and graphs on product order sales details.
- Implemented robust email notification configuration to provide real-time updates.