VINAY KUMAR PENKE

Data Engineer

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EXPERIENCE

Azure Data Engineer (Client - Sezarac)

Employer-Deloitte Consulting India Private Limited

📅 02/2024 - Present   📍 India

Consulting firm specializing in various technological solutions

- Developed comprehensive end-to-end Azure Data Factory (ADF) pipelines for data ingestion from various source systems, transferring data from File Server to Azure Synapse Analytics
- Designed and implemented Dimensions and Facts according to the Data Model, incorporating Stage and Transform layers with incremental load capabilities
- Conducted Unit Testing, System Integration Testing (SIT), and ensured successful User Acceptance Testing (UAT)
- Migrated SQL objects, Azure Databricks, and ADF pipelines using Azure DevOps
- Developed and implemented email alert systems to notify stakeholders of ADF pipeline failures
- Developed logic for incremental and delta loads, efficiently handling inserts, updates, and deletes with ETL transformations using Databricks Delta tables
- Optimized code for enhanced performance and ensured high data quality
- Created end-to-end implementation and training documents for the developed items

Databricks PySpark Data Engineer (Cilent - Moodys)

Deloitte Consulting India Private Limited

📅 05/2023 - 01/2024   📍 India

Consulting firm specializing in various technological solutions

- Developed logic for Full Load (Day 0 load) of data for Vadis (an acquisition source of Moody's) and split data into different tables according to the data model
- Developed logic for incremental/delta loads, handling inserts, updates, and deletes
- Developed a file validation script capable of validating files from all sources based on a configuration file, comparing columns and unique values
- Conducted Unit Testing and ensured successful User Acceptance Testing (UAT)
- Developed UI Automation scripts for Moody's MULTI Platform using the Selenium framework, reduced manual efforts by 90%

Databricks PySpark Data Engineer & ETL Tester (Client - Country Financials)

Deloitte Consulting India Private Limited

📅 02/2023 - 05/2023   📍 India

Consulting firm specializing in various technological solutions

- Developed transformation logic to load data from source systems into target layers, handling intricate insurance term logic and diverse payment structures
- Created detailed Source to Target Mapping (SSTM) documents that outlined the development rules and logic for client overviews
- Created SIT test cases to validate the end-to-end data transformation processes, compiling evidence documents to support SIT closure
- Performed extensive testing of data transformations from source to target systems based on defined development rules

SUMMARY

As an Azure Data Engineer with over 2.4 years of experience at Deloitte, I specialize in utilizing Microsoft Azure and Databricks to develop and manage data pipelines and storage solutions. My skills include expertise in MS SQL, PySpark, Python, Azure Data Factory, and automation with Selenium. I am committed to delivering high-quality data solutions and have received multiple accolades for my performance

AWARDS

⭐ **Applause Awards**
Received 2 Applause Awards from Manager while working with the Sazerac Client

⭐ **Applause Award**
Received 1 Applause Award from Manager while working with the Moody's Client

SKILLS

ADF   Azure   Azure Cloud

Azure Data Factory   Azure Databricks

Databricks   ETL   Testing   JIRA

Microsoft SQL Server   PySpark

Python   Selenium   SQL   UAT

Unit Testing   Gmail

INTERESTS

🚩 **Hobbies**
Enjoy playing Badminton, Cricket, and going on long drives, traveling, and cooking

EDUCATION

Bachelor's degree

Aditya Degree College,
Adikavi Nannaya University

GPA
8.2 / 10

📅 08/2019 - 05/2022   📍 India