

Vinod A

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SUMMARY

Software Engineer with experience in ETL / DWH / Azure Cloud. Skilled in designing, developing, and testing data with intuitive problem-solving skills using cloud technologies. Received coral award from Associate Director for Delivering the Project on time. Undergoing External Training Azure Synapse and Data factory from Wafaa studies.

EXPERIENCE

Data Engineer

Cognizant Technology Solution -- Client: Blue Shield of California

September 2022 - Present, Coimbatore

- Developed and maintained end-to-end operations of ETL data pipelines with large data sets in Azure Data Factory.
- Implemented various components like pipeline, activity, mapping data flows, data sets, linked services, triggers and control flow in Azure Data factory.
- Used various data transformation technique and moved different type of files, API data and databases from On-prem to Azure Datalike.
- Boost the performance and scalability of pipeline using Azure Synapse PySpark query which increased performance by 11%.
- Coordinated with every member of the team and delivered project on time.

Programmer Analyst

Cognizant Technology Solution -- Client: Blue Shield of California

June 2021 – August 2022, Coimbatore

- Automated the tests using data engineering pipeline which reduces 40% percentage of testing effort.
- Identified and addressed design gaps in the pipeline by coming up with new business scenarios which increased 15% of pipeline efficiency.
- Validated different types of files (parquet, csv, excel file) and checked data quality using PySpark and Python automation script.
- Developed Complex SQL queries using joins and aggregate function for various Business scenarios.
- Interacted with the client to understand the business scenarios and delivered the project with good quality.

EDUCATION

Bachelor of Engineering

Dr Mahalingam College of Engineering and Technology • Pollachi, Tamil Nadu • 2021 • 8.78

CERTIFICATIONS

Azure Data Engineer Associate DP-203

Microsoft • 2022

- Practical knowledge in Azure ADLS, Data Factory, Synapse, Data Warehouse and Databricks. Having Solid knowledge in SQL and Apache spark.

Azure Data Fundamentals DP-900

Microsoft • 2022

- Exposure to Azure databases like Azure SQL, Data Factory, Synapse, Data Analytics Cosmo DB and ADLS.

Azure Fundamentals Az-900

Microsoft • 2022

- High level understanding in Azure cloud platform and it varies security services.

Databricks Data Engineer Associate

Databricks • 2022

- Exposure to Databricks Platform and basic terminologies in Databricks.

COURSEWORK

Azure Data Engineering

Online - Wafaa studies • 2023 • Azure Data Factory, Azure Synapse, Azure ADLS and SQL

SKILLS

Technical Skills: Azure Data Factory, SQL , Azure Data Lake , Unix, Informatica, Pyspark, Azure Synapse, Python, Datawarehouse

Soft Skills: Teamwork, Problem Solving, Critical Thinking, Innovative, Communication, Time Management