Vijay Surya V

Senior Data Engineer | 2x AWS, 3x Azure & 5x Snowflake Certified | ETL | PySpark | Python | SQL | GenAI

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EDUCATION _____

PGDM in Analytics and Marketing
PSG Institute of Management, Coimbatore   Jul 2018 to Mar 2020

B.E in Electronics and Communication Engineering
Sri Ramakrishna Engineering College, Coimbatore   Aug 2011 to May 2015

RELEVANT SKILLS _____

Data Engineering: Data ingestion, Data Warehousing, ETL, Workflow Automation and Optimization

Analytics: Data Visualization, BI Dashboards, Feature Engineering, Data Modelling

Tools / Languages: ChatGPT, Power BI, Tableau, Python, SQL, Oracle 19C, AWS, ETL (Alteryx, Azure Data factory), Data warehouse (Snowflake, AWS Redshift, Azure Synapse Analytics), Data Lake, CRM (Microsoft and Salesforce SFDC)

Big Data Specific Tools: Hadoop, HDFS, Hive, Sqoop, Spark with (Scala, PySpark, SparkSQL), Snowpark, Databricks

Snowflake Specific: Snowpipe, SnowSQL, Snowflake Python Connector, Snowpark, Streams, Tasks, Materialized Views, Snowflake BI Dashboard, Stored Procedures and functions using Snowpark (Spark)

PROFESSIONAL EXPERIENCE (Overall 5.6 Years) _____

Senior Data Engineer, *Thomson Reuters, Hyderabad*   Jun 2022 to Present
- Migrated data from Oracle 19C database to Snowflake
- Build cloud data engineering pipelines for real time data driven decisions using Alteryx, Snowflake and AWS S3
- Build dashboards using Tableau / PowerBI
- Write python script to ingest data from various data sources into S3 data lake & Snowflake using API endpoints
- Experiment building internal products using GenAI ChatGPT API
- Developed a fast-paced Alteryx - Snowflake tool to help posting millions of records from Alteryx into Snowflake within fraction of minutes by optimizing the Snowflake warehouse cost, which had a TR level recognition and been used as an Enterprise Level MDS posting solution
- Built end to end data pipeline using snowflake components leveraging staging, file format, external tables, snowpipe, snowsql, tasks and streams and snowpark (spark) language

Senior Data Analyst, *Hexaware Technologies Ltd, Chennai*   Aug 2020 to Jun 2022
- Migrated data completely to cloud and implement automated reporting and dashboards
- Handle end to end Data Warehousing and ETL pipelines for the data collected from various sources
- Pull data from various sources using SSIS, perform ETL and orchestrate the pipeline using Azure Data Factory, Azure Synapse Analytics, AWS Glue and finally store the cleansed data into AWS Redshift
- Pull data from AWS Redshift into PowerBI tool to perform automated reporting of CRM, Website traffic monitoring, Marketing Automation, Digital campaigns across social media and Recruitment reporting
- Analysing web traffic pattern and CRM pipeline conversion to improve personalization
- Continuously equip and learn about the leadership & management changes to implement metrics and benchmarking
- Clear knowledge on leadership team, business units and service offerings
- Handle R&D to deploy ML models for predictive analysis using Azure Stack (Auto ML, Databricks)

Software Engineer**,** *Terralogic Software Solutions, Bangalore* May 2015 to May 2018

- Worked on a Cisco Systems, onsite python automation project
- Design and development of ETL pipelines to automate build and release process
- Build dashboards to report test and code coverage analysis to stakeholders on a weekly basis

CERTIFICATION _____

- Cisco Certified Network Associate (CCNA ROUTING AND SWITCHING)
- AWS Certified Cloud Practitioner (CLF-C01)
- AWS Certified Solution Architect – Associate (DAS-C01)
- Azure Fundamentals (AZ 900)
- Azure Data Fundamentals (DP 900)
- Azure AI Fundamentals (AI 900)
- Snowflake - Hands On Essentials - Data Warehouse
- Snowflake - Hands On Essentials - Data Applications
- Snowflake – Hands On Essentials - Data Sharing
- Snowflake – Hands On Essentials - Data Lake
- Snowflake- Hands On Essentials - Data Engineering

PERSONAL PROFILE _____

Date of Birth	:	22.05.1993
Nationality	:	Indian
Address	:	Harivillu Apartments, 1st Block, Flat No.206, Manikonda, Hyderabad - 500089
Languages known	:	English, Hindi, Malayalam, Tamil, Telugu (Native)

REFERENCES: *Available upon Request*