PADUCHURI VENKATA SAI SAMPATH

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Professional Experience

Teksystems Global Services

Senior Software Engineer   Apr 2024 – Present

- Successfully **migrated an On-prem database to Cloud database**, that was built in 5 years during the time frame of 1 year.
- Worked collaboratively in **agile methodology**, **dimensional modeling** with data analysts, data architect, and stakeholders to understand business requirements and design data solutions that effectively address their challenges and critical situations.
- **Snowflake SME(Subject Matter Expert) for Project** while working with Tasks,Streams,Data Sharing,Query Optimization, etc.

Software Engineer   Apr 2023 – Apr 2024

- **Designed & Implemented schemas, shared jobs, Matillion ETL jobs** which reduced dev efforts by 45%
- Researched and developed workflow to auto trigger the ETL jobs in matillion based on file arrival in S3 bucket using AWS services like Lambda, SQS and IAM Role policies.
- **Implemented masking standards with role-based access control** on Snowflake, limiting unwanted data access
- Worked as **Matillion admin** to set up the environment, integrate GIT, and implement Role-Based Access Control.

Associate Engineer   Aug 2021 – Mar 2023

- Worked on migrating data from various enterprise data warehouses like Salesforce, Appian and Oracle PeopleSoft to use as source for populating dimensions and facts in the upstream.
- Developed Python scripts to convert Oracle/SQL Server data to Snowflake compatible language and migrate flat files from AWS S3 and **Azure Blob to Snowflake**.
- Automated ETL processes across billions of rows of data, which reduced manual workload by 40% monthly.
- Scheduled Cost/Billing Reports, created Azure APP Registrations for User-defined ETL connections in Azure.
- Designed real-time data pipeline, integrating 150+ M raw records from **API calls to process semi-structured data**.

Skills

Programming Languages: Python, SQL, Pyspark
Cloud technologies: Snowflake, AWS, GIT
AWS: Sns, sqs, lambda, cloudwatch, secretsmanager, s3, ec2, Redshift, Event bridge, Glue
ETL: Matillion, Qlik Replicate, spark, Golden Gate, Peoplesoft, BICC, Hcm Extract, Databrics
Soft Skills: Leadership, Team Player, Resilient, Problem solving, Inter-Personal Communication, Proactive

Projects

Seamless Data Extraction and Loading: Streamlining Cross-Platform Transfers Between Cloud and On-Prem Databases.
Oracle Fusion to Snowflake: POC to extract data(400+ PVO's) from Oracle fusion to snowflake using BICC and custom code in OCI using OCI functions, events and bucket.
Snowflake Writeback GUI: Custom WebApp to connect and update snowflake data with other functionalities like inserting, filtering and sorting using NodeJS and HTML/CSS using Snowflake binding maintaining data integrity and security.

Education

BML MUNJAL University   **Gurgaon, Haryana**
Bachelor of Technology - Computer Science and Engineering   Aug 2017 - May 2021
Highlights: Acted as the club affairs secretary of the campus

Awards and Position of Responsibilities

- SpotAward - October2021
- Interviewed Multiple Candidates for the companies in Technologies like Matillion, Snowflake, SQL, Python, AWS.
- Trained 70+ Employees on Matillion ETL and Snowflake.
- Matillion and Snowflake SME (Subject Matter Expert) for the Client Project.

Certifications

Snowflake Snow Pro Core   **Apr 2022 - Dec 2025**
Snowflake SnowPro Core Certified

Databrics Certification   **Jan 2025 - Jan 2027**
Databrics certified data engineer associate

AWS Developer Associate   **Dec 2022 - Dec 2024**
AWS SNS, SQS, Lambda, S3