

Rishabh Shukla

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SUMMARY

Data Engineer with 5 years of experience in Teradata, Snowflake, SQL, and AWS, specializing in data integration, performance tuning, and production support. Skilled in handling complex data from diverse sources with domain expertise in healthcare.

EXPERIENCE

Software Engineer at Carelon Global Solutions

August 2020 - Present

Project : Health OS (HOS)

- Designed and implemented automated business report generation using AWS Lambda, aligning with key business requirements.
- Developed SQL scripts leveraging Snowflake for complex data transformations.
- Designed and executed unit test cases, maintained technical documentation for code and process flows.
- Maintained metadata entries in the AEDL dashboard to support Snowflake data loads orchestrated through AWS pipelines.
- Developed and sustained AWS Glue jobs for automated and scalable ETL processes.
- Developed AWS Lambda functions to process external files from S3.

Project : Cloud Migration | Teradata → Snowflake | AWS

- Led data migration from on-premises systems (Teradata, BTEQ, Informatica) to cloud infrastructure (Snowflake, SnowSQL, AWS), ensuring zero data loss.
- Utilized the internal AEDL portal (powered by AWS RDS) to securely transfer on-premises tables to Snowflake.
- Re-engineered BTEQ scripts into optimized Snowflake SQL scripts for incremental data loading with performance enhancements and efficient resource usage.
- Replaced Informatica with a serverless architecture using AWS Lambda and S3 to process external file data directly into Snowflake.
- Replaced Control-M job scheduler with the AEDL internal scheduler, leveraging AWS Step Functions and Lambda for load orchestration.
- Built custom automation tools in Python to accelerate the migration process, reduce manual effort, and ensure a high degree of accuracy and reliability.
- Contributed to the design and maintenance of robust, scalable cloud pipelines, reducing data latency and operational overhead.

Project : Medicare Revenue Data Mart (MRDM)

- Analyzed technical specifications and translated business requirements into efficient data processing solutions.
- Developed and optimized BTEQ scripts leveraging Teradata for complex data transformations.
- Designed and executed unit test cases, maintained technical documentation for code and process flows.
- Configured and scheduled batch workflows using Control-M (CTM) for end-to-end job orchestration.
- Developed Python-based automation tools to streamline process flows and minimize manual intervention.
- Created and maintained the Source-to-Target Data Mapping document, including detailed documentation of all entities, attributes, data relationships, primary and foreign key structures, allowed values, codes, business rules, glossary terms, and more.

RPA Developer Intern at Publicis Sapient

January 2019 - March 2019

- Implemented Robotic Process Automation (RPA) using UiPath to automate data extraction and customer record matching.
- Developed automated workflows for data retrieval and performed troubleshooting to ensure accurate database entries.

TECHNICAL SKILLS

Data Architecture: Snowflake, Teradata

Cloud Technologies: AWS S3, AWS Lambda, AWS Glue

Data Integration: Informatica, Python, Unix Shell Scripting

Data Warehousing: Design and Implementation, Data Pipeline, Development

Project Tools: JIRA, Confluence, Control M, AEDL Dashboard, AEDL Portal

Platforms: Windows, Linux

EDUCATION

Dr. K.N Modi Engineering College, AKTU

*B.Tech - Computer Science and Engineering - **CGPA - 6.0***

2015 - 2019

Ghaziabad, Uttar Pradesh

ACHIEVEMENTS

- * Awarded Special Contributor for excellent performance.
- * Awarded Special Contributor for Automation Tools.
- * Achieved “Standing Ovation Award” for showcasing values like Passion, Innovation, Respect and Leadership.

AUTOMATION

- Custom Tool Development - Python

INTERESTS

- Sketching
- Automation
- Photography