

Name: Venkat

Mobile: +91 7993568797

Email: uvenkat205@gmail.com

Professional Summary

Having 5+ years of experience designing and implementing scalable data pipelines and cloud-based data solutions. Specializing in Snowflake development, ETL workflows, and data architecture on cloud platforms. Proven expertise in optimizing Snowflake queries and implementing cost-effective data warehousing solutions. Adept at integrating diverse data sources to drive business insights.

Experience Summary

- Extensively used ETL methodology for performing Data Migration, Extraction, Transformation, and Loading using Talend and designed data conversions from a wide variety of source systems including Flat file, Excel, JSON, XML, Oracle, MSSQL servers, Snowflake, S3 and APIs.
- Practical Understanding of the Database Schemas like Star Schema and Snowflake Schema used in Relational and Dimensional Modelling.
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- Good Knowledge on Implementation of ETL Data Warehousing Methodology of Staging, SCD Types Implementation and Dimension, Fact Tables Loading.
- Leverage Talend's parallel processing capabilities and job partitioning techniques to optimize job performance and maximize resource utilization.
- Proficient in debugging, error handling, and performance optimization techniques.
- Designed and developed Snowflake-based data pipelines to process and transform of data daily.
- Experienced on moving files from one s3 bucket to Snowflake.
- Proficient in Snowflake's FLATTEN function for flattening JSON and XML data.
- Experience in using Snowflake Clone and Time Travel.
- Proven problem-solver with expertise in technical analysis and evaluation, capable of addressing diverse and complex challenges.
- Have experience in Installation of jobs, creating execution plans and scheduling jobs in Talend Administrative Control (TAC And TMC)
- Extensive experience in Design, develop and test processes for loading data into a data warehouse.
- Have done on Reconciliation documents to validate the data from source to target data.
- Involved in Production Batch monitoring and solving the production issues on time within the SLA time.
- Automation for to test data after loading data from SQL server to Snowflake by using
- Experience in identifying and resolving ETL production issues and finding the root cause.

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Experience Details:

Date	Organization	Role
26-Feb-2023 to till date	Decision Minds India Pvt. Ltd	Developer
21-Dec-2018 to 31-03-2022	Coromandel Electric Company Ltd	Developer

Technical Skills:

Programming Languages	Operating Systems	Tools
SQL Server, Snowflake	Windows, Unix	Talend, TMC, Jira

Career Profile:

Project # 1	Enterprise Data Warehouse
Client	First Tech Federal Credit Union
Period	Feb 2023 to till date
Line of business of the client	Banking
Description	First Tech Federal Credit Union is the nation's premier credit union serving employees & family members of the world's leading technology companies.
Role	Data Engineer
Responsibilities	<ul style="list-style-type: none"> - Development of new jobs using Talend tool - Worked on Jira tickets - Tested the jobs. -Deployed the jobs into TMC server -Scheduled the jobs in TMC using triggers. -Monitoring of error and performance. -Troubleshooting and fixing production issues adhering to SLA. -Worked on Microsoft SQL Server Management Studio, Oracle and Snowflake - Prepared mapping documents for all the jobs.
Environment	Talend Data integration 7.3.1/8.0, TMC, WinSCP, JIRA Flat Files, Excel, JSON, XML, Snowflake, MSSQL, Oracle, Big Query, APIs, Postman

Responsibilities:

- Worked as Data Engineer in Data Loading Phase from Excel and CSV, Oracle, MSSQL
- Translated Business processes into Talend Jobs by using various Components.
- Prepared Design documents, Use case Documents and Test Cases Documents.
- Preparing Unit Test Plan, Unit Test Run and Checklist.
- Participated in multiple performance tuning for existing Talend Jobs.
- Understanding the source and target data model.
- Precisely documented mappings to ETL Technical specification document for all stages for future reference.
- Effectively played a multi dynamic role facing all challenges and managed working on similar projects as well.
- Build scalable and efficient ETL (Extract, Transform, and Load) pipelines for data ingestion and transformation.
- Use features like Time Travel, Data Sharing, Streams, and Tasks effectively.
- Monitor and tune queries, warehouse configurations, and storage usage to reduce costs and enhance performance.
- Implement encryption, masking, and secure data-sharing strategies.
- Work with data scientists and analysts to ensure the availability of clean and well-structured data for advanced analytics.
- Perform data quality checks and validations.
- Maintain detailed documentation of issues.
- Stay updated on new Snowflake features and incorporate them to improve performance.

Project # 2	Centralized Common Data warehouse
Client	India Cements Ltd
Period	Dec 2018 to March 2022
Line of business of the client	Manufacturing and marketing of cement
Description	India Cements is one of India's leading cement manufacturers, with a significant presence in the southern part of the country. Established in 1946, the company has built a strong reputation for producing high-quality cement products
Role	Talend ETL Developer
Environment	Talend Data integration 7.3.1, TMC, MSSQL, Oracle, WinSCP, Putty, Flat Files, Excel, JIRA, GitHub

Responsibilities:

- Designed, implemented, and maintained ETL workflows using Talend to integrate and transform data from Oracle databases, flat files, and Excel sheets into the data warehouse.
- Requirement gathering from the client related files and data
- Build, execute and deploy jobs, creating new jobs for requirements data
- Creating Execution plan where ever required in the deployment process.
- Extensively used for joining different sources using tmap components
- Worked with different sources such as oracle and flat files
- Participate in code reviews, testing, and debugging activities to ensure the quality and reliability of the developed solutions.
- Document technical specifications, data mappings, and solution architectures for reference and knowledge transfer.
- Provide technical support and troubleshooting assistance to users and stakeholders during system integration and deployment phases.
- Used input and output filters in tMap for filtering the data based on the requirement.
- Created context variable to store metadata information of all the sources and targets
- Created new jobs and changes existing jobs according to the requirement
- Created new tables for data requirement
- Using Debugger to find the bottlenecks in the Jobs.
- Worked on reusable components like Contexts, Global variables in Talend.

Education:

B tech

JNTU | Kakinada, Andhra Pradesh

Graduation: April 2018.