NAGASAIGOWD GAJULAPATI

Data Engineer

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SUMMARY

Results-driven Data Engineer with 2 years 9 months of experience in IBM Infosphere DataStage and SQL. Specialized in designing, optimizing, and automating ETL workflows for data integration and warehousing. Proven strength in performance tuning, data accuracy improvements, and solving complex data problems while delivering solutions aligned with business needs.

SKILLS

IBM DataStage	ETL development	Data Warehousing	Data modelling	SQL	IBM DB2
MS SQL SERVER	Unix Shell Scripting	Azure Data Factory	Databricks	PySpark	Python	Azure

EXPERIENCE

Data Engineer (Datastage developer)

Nivi Software Solutions Pvt Ltd

📅 06/2023 - Present 📍 Hyderabad

IT Solutions and Software Development

- Data Engineer specializing in IBM Infosphere DataStage, IBM Db2, SQL Server, and Unix for ETL development and data integration.
- Developed and managed 50+ ETL jobs in DataStage, improving data accuracy and consistency
- Improved SQL query performance by 25% by creating user-defined functions (UDFs) and incorporating them into SQL queries for enhanced efficiency in Db2 and SQL Server
- Strong expertise in Data Warehousing, parallel job development, and ETL process optimization
- Expertise in developing parallel jobs utilizing Transformer, Lookup, Join, Sort, Copy, Funnel, CDC, and Filter stages
- Solid understanding of Relational Database Management Systems (RDBMS) with expertise in writing complex SQL queries on SQL Server and Db2
- Skilled in scheduling and orchestrating Sequence and Parallel jobs using DataStage Director to automate ETL workflows
- Strong analytical and problem-solving skills with a proven ability to quickly understand business requirements and deliver effective solutions.

KEY ACHIEVEMENTS

💎 **ETL Automation & Scale**

Built and automated large-scale ETL workflows by developing 50+ IBM DataStage jobs and a centralized Master Job, enabling controlled execution, dependency management, and reliable daily production runs.

⭐ **Performance & Data Quality Impact**

Improved SQL and ETL performance by 25% through query optimization, UDF implementation, data partitioning, and parallel job design, while implementing SCD Type 2 dimensions to ensure historical data accuracy.

PROJECTS

ACTPOL INSIGHTS

📅 10/2024 - Present

Implemented end-to-end ETL pipelines in IBM DataStage and DB2, including SCD Type 2 dimensions, fact tables

- Involved in gathering and analyzing project requirements, providing detailed time estimates.
- Created and managed DB2 Staging Area tables.
- Developed ETL jobs to extract and load data using JDBC Connector and DB2 Connector stages in IBM DataStage for efficient data integration.
- Used the Transformer Stage for complex data manipulations and applied business rules.
- Designed and implemented Dimension Tables and Fact Tables in DB2.
- Developed SCD Type 2 Dimension Tables using Change Capture, Copy, Transformer, and DB2 Connector stages to manage historical data.
- Extracted and transformed unstructured data using File Stages, Transformer, Funnel, Filter, and Remove Duplicates stages to streamline the data pipeline.
- Designed and managed sequence jobs enabling parallel processing and efficient control of batch workflows.
- Collaborated with the Cognos team for business metric analysis and reporting.
- Monitored production jobs using IBM DataStage Director to ensure timely execution. Scheduled and automated job executions using IBM DataStage Director for daily runs.

NANZI

📅 06/2023 - 09/2024

Implemented ETL jobs and entity-link data management using IBM DataStage and DB2.

- Created Entities and Links in the DB2 Landing Database
- Developed ETL jobs to extract and load data from various sources to the Landing Area using JDBC Connector and DB2 Connector stages in IBM DataStage for efficient data integration
- Used the Transformer Stage for complex data manipulations and applied business rules
- Created DB2 SQL scripts for generating entities and loading data into corresponding tables
- Developed scripts for Link Generation using DB2 SQL and loaded data into respective Links
- Implemented data pipeline using Copy Stage, Transformer Stage, Join Stage, DB2 Connector Stage, JDBC Connector Stage, Remove Duplicates Stage, and Filter Stage
- Developed a master orchestration job to control execution order and dependencies of entity and link jobs loading into the iStore database.
- Automated scheduling and monitored Master Jobs using IBM DataStage Director, handling run status

EDUCATION

Bachelor of Science (B.Sc.)

Adikavi Nannaya University (AKNU)

📅 2019 - 2022   📍 Rajamahendravaram

GPA
8.96 / 10

Intermediate (MPC)

Narayana Junior College

📅 2017 - 2019   📍 Rajamahendravaram

GPA
8.73 / 10

LANGUAGES

Telugu
Native
●●●●●

English
Proficient
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Hindi
Intermediate
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