**Manoj K**

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**Summary of Expertise:**

* Having 5.2 years of extensive IT experience in ETL methodologies Analysis, Design, Development, Implementation, Testing and Support of Data.
* Proficient in Informatica 9.x & 10.x, Oracle SQL, UNIX and Autosys.
* Experience in implementing business rules by designing and creating mappings, Sessions and Workflows using Informatica PowerCenter and IICS.
* Having experience working with informatica IICS tool effectively using it for data integration and data migration from multiple source system in SQL data warehouse.
* Proficiency in developing complex SQL queries with various relational databases like Oracle, SQL server.
* Possess complete domain and development Life Cycle knowledge of Data Warehousing.
* Extensively Designed SCD1, SCD2 mappings to load Dimension tables.
* Extensively on Incremental Loading and Fact Loading.
* Worked on Input and in-Out Parameters in IDMC.
* Worked on Target load Order and Constraint Based loading.
* Worked on creating mappings, mapping Tasks and Task Flows.
* Knowledge on Run Time Environment and Secure Agent.
* Information Technology with Technical and Functional Experience in maintaining data warehouses/marts. Proficiency in Data warehousing, ETL process, OLAP systems, Business Intelligence.
* Experience in developing Informatica Mappings/Mapplets to extract data from multiple sources, transform data, and then loaded into Operational Data Store (staging area) and then load into Data Warehouse.
* Experience in Creating complex mappings using Aggregator, Expression, Joiner, Filter, Sequence Generator Connected & Unconnected Lookup, Router, Union and Update Strategy transformations using Informatica PowerCenter designer.
* Experience in Creating SCD Type-1 and Type-2 mapping technique to load the data into various dimension tables.
* Experience in Fact Loading.
* Experience in Creating, Scheduling and configuring workflows, worklets and sessions using Informatica workflow manager.
* Experience in creating mapping parameters and variables to load the stage and Data warehouse incrementally.
* Expertise in working with Snowflake Multi - Cluster Warehouses, Snow pipes,
* Internal/External Stages, Store Procedures, Clone, Tasks and Streams.
* Involved in Zero Copy cloning – Cloning databases for Dev and QA environments.
* Storage Considerations for Staging and Permanent Databases / Tables.
* Experience with Snowflake cloud data warehouse and AWS S3 bucket for integrating data from
* multiple source system which includes loading data into snowflake tables.
* Experience in building Snow pipe.
* In-depth knowledge of Snowflake Database, Schema and Table structures.
* Experience in various methodologies like Agile.
* Involved in Performance tuning and peer review of code.
* Strong experience in Dimensional Modelling using Star and Snow Flake Schema, Identifying Facts and Dimensions.
* Hands-on experience across all stages of Software Development Life Cycle (SDLC) including business requirement analysis, data mapping, build, unit testing, systems integration and user acceptance testing.
* Worked and extracted data from various database sources like Oracle, SQL Server and Flat files.
* Proven track record in troubleshooting of Informatica jobs and addressing UAT and production issues like performance tuning and enhancement.
* Involved in knowledge sharing and knowledge transfer to the new members of the project & Preparation of knowledge transfer documents.
* Creating user groups roles and grant privileges to the users.
* Creating folders, relational & application connections.
* Deployments from different environments.
* Create users, groups and roles in admin console & assign the privileges to the same.
* Create folders and assign permission to developers for folders depending upon the environments.
* Hands on experience in writing database Queries.
* Good understanding of performing file level verification tasks via UNIX commands.
* Strong Project Management skills.

**Experience Summary:**

* Currently working as Associate Consultant in Capgemini Technology service India Limited from Nov2021 to till Dec 2023.
* Worked as a ETL Developer in TCS from Nov 2018 to Oct 2021.

**Educational Qualification:**

* Graduated From JNTUA University.

**SKILLSET:**

* Operating System: Windows 7, 10, UNIX.
* Data Base: Oracle 11g/10g, SQL Server, Snowflake DB.
* ETL: Informatica PowerCenter10x, IICS, IDMC, CDI, CAI.
* Languages: SQL, PL/SQL.
* Scheduling tools: Autosys.

**Professional Experience:**

**Project # 1:**

Client Name : Wells Fargo India Solution Pvt. Ltd.

Domain : Banking

Role : IICS Developer.

 Tools : IICS, IDMC, Oracle 10.X/11g/19C, SQL Developer.

Operating System : Unix,

Database : Oracle, Snowflake DB.

**Project Description:**

 Wells Fargo & Company is an American multinational financial services company with a significant global presence. The Company operates in 35 countries and serves over 70 million customers worldwide.

**Responsibilities:**

* Creating Informatica IICS mappings for the different plans using various transformations.
* Have working experience in Informatica Intelligent Cloud Services IICS components - application integration, data integration, Oracle and Flat Files.
* Used Various Transformations such as Sorted, Lookup, Joiner, Aggregator, Sequence Generator, Normalizer, Transaction Control Transformation.
* Worked on Different tasks like Mapping Task Replication Task, Synchronization Task, PowerCenter Task in IICS.
* Worked on Input and In-Out parameter.
* Worked on Run Flow Order and Constraint based loading.
* Created internal and external stage and transformed data during load.
* Designed Staging, Integration, Information and Archive areas on S3
* Used Temporary and Transient tables on diff datasets
* Created S3 events for job triggering.
* Zero Copy cloning – Cloning databases for Dev and QA environments
* Time Travel, Data Retention Settings for Storage for Crucial Tables.
* Data Sharing from Prod to Stage and Dev Environments.
* Worked on Snowflake streams to process incremental records.
* Designed Update and Insert strategy for merging changes into existing Dimensions and Fact tables
* Unloaded the data from snowflake to send data to down streams.
* Designed, Developed and implemented ETL Processes using IICS Data Integration.
* Created IICS connection using various cloud connectors in IICS Administrator.
* Extensively used informatica IICS– Mapping, Mapping Task, Task Flow.
* Created informatica mappings for stage, Dimensions and Fact table loads.
* Created SCD type-1 and type-2 mappings for loading the dimension tables.
* Done extensive testing and wrote queries in SQL to ensure the loading of the data.
* Developed and implemented the coding of Informatica Mapping for the different stages of ETL.
* Involved in Unit testing.
* Involved in Production Support.

**Project 2:** MVW | Team Size: 5

Client: Marriott Vacations Worldwide (USA)

Role: ETL Informatica Production Support

**Description:**

 Marriott Vacation Worldwide is a pure-play public timeshare company. Formerly a division of Marriott International, MVW was established as a separate, publicly traded entity focusing primarily on vacation ownership in November 2011. MVW rune more than 120 resorts with over 700,000 owners and Members. The company also operates Interval International, which offers an exchange network and travel membership programs through a network of more than 3,200 affiliated resorts in over 90 countries and territories.

Responsibilities:

* + Create Informatica mappings to build business rules to load data.
	+ Used Informatica PowerCenter to extract, transform and load data from multiple input sources like Oracle and flat files to target data base Oracle 10g/11g.
	+ Used mapping designer and mapplets to generate different mappings for different loads.
	+ Responsible for monitoring all the sessions that are running, scheduled, completed and failed. Debugged the mapping of the failed session.
	+ Developed Mapping to load the data in slowly changing dimension (SCD Type1 & SCD Type2).
	+ Used various transformations like source qualifier, expression, filter, lookup, update strategy transformations etc.
	+ Workflow Manager used for creating and maintaining the sessions.
	+ Designing, Scheduling & Monitoring of workflows.
	+ Created and Monitored batches and sessions using Informatica PowerCenter.
	+ Created and Executed sessions and batches using Server Manager.
	+ Worked with Mapping Variables and Mapping Parameters.
	+ Developed all mapping according to design document and mapping specs provided and performed unit testing.
	+ Developed mapping to load the data in slowly changing dimension.
	+ Checked the output according to the specifications.
	+ Tuned several mappings for the better performance and involved in performance testing.
	+ Documenting test cases and informatica mapping.
	+ Understanding existing business model and customer requirements.
	+ Optimizing/Tuning mappings for better performance and efficiency.
	+ Involved in production bug fixes.
	+ Involved in Unit Testing.
	+ Worked on Production Support.
	+ Worked on Production issues and resolved the issues.
	+ Prepared documentation for business data flow from source to target and also for the changes made to the mapping / session existing to eliminate the errors.
	+ Provide weekly status report to the Project Manager and discuss issues related to quality and deadlines.