**Nagaraju Yedla**

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**SUMMARY:**

* Around 8+ years of IT expertise with a focus on business requirements, application design, development, testing, installation, and data warehouse maintenance.
* Informatica Power Center 10.x/9.x/8.x/7.x/6.x (Workflow Manager, Workflow Monitor, Warehouse Designer, Source Analyzer, Warehouse Designer, Transformation developer, Mapplet Designer, Mapping Designer, Repository manager and Informatica server), Informatica Power Exchange, and Informatica Data Quality are used to extract, transform, and load (ETL) data from various sources into data warehouses and data marts. Significant expertise in creating complicated mappings using transformations such as Source Qualifier, Filter, Expression, Joiner, Router, Union, Unconnected / Connected Lookups, and Aggregator.
* An excellent introduction to progressive loading with mapping variables.
* Using a variety of transformations, including expression, aggregator, joiner, source qualifier, lookup, and Router, developed standardized and reusable mappings and mapplets. Additionally, build mappings utilizing variables and parameters.
* Strong experience in Agile and Waterfall methodology projects with CICD devOps development for ETL codebase.
* Wrote web scraping python scripts to gather data from terminal operators and government websites, as well as other publicly available data.
* Experience in creating complex T-SQL queries for data analysis and data manipulation.
* Proven ability to optimize SQL queries by evaluating Explain Plans for better performance.
* Working knowledge of Informatica Data Quality (IDQ) scorecards and profiling.
* Strong exposure to lookup cache, static, and dynamic.
* Substantial expertise in the development of transformations (such as joiner, sorter, aggregator, expression, lookup, router, filter, tcl, update strategy, sequence generator, normalizer, and rank), mappings, mapplets, sessions, and tasks (Command, Email, Decision, Event Wait, Event Raise, Timer, Assignment).
* Strong experience with various AWS services including S3 and RDS
* Designed and created ETL logic using Informatica Power Exchange to implement CDC (Change Data Capture). using Informatica Power exchange Oracle CDC concepts.
* Vast experience with all workflow manager responsibilities, including post session commands and SQL, to create job control in Informatica to enable dependencies in data loading in destination systems.
* Performed code reviews and implemented best pythonic programing practices.
* Proven expertise with Oracle 11g/10g/9i/8i, PL/SQL, SQL\*Plus, and SQL\*Loader for building stored procedures, functions, triggers, DDL, and DML SQL queries as well as improving query performance.
* Experienced in enhancing and deploying the SSIS packages from development server to production server.
* The ability to implement business logic in Oracle databases using strong skills in SQL, PL/SQL packages, functions, stored procedures, triggers, and materialized views.
* Working knowledge of MySQL, Oracle, Teradata, SQL Server, and TOAD interfaces, as well as Teradata's SQL assistance and console.
* Experience working with Agile process.
* Good experience in Scheduling ETL Jobs tool like Autosys, Cron tab.
* Working knowledge of UNIX, including the ability to write UNIX shell scripts for Informatica pre- and post-session tasks.
* Excellent interpersonal and communication skills, technical competence, and a focus on results, together with the capacity to work successfully both individually and in teams.

**TECHNICAL SKILLS:**

**TECHNICAL SKILL SET:**

**Technologies:** Informatica Power Center 10.x/9.x/8.x, Informatica Power Exchange 10.x/9.x and Informatica Data Quality 9.x, AWS, Python, SQL, SSIS.

**Work Model:** Agile.

**Other Tools:** Visual source safe, Mainframe and Sales Force.

**RDBMS:** Oracle 11g/10g/9i/8i, SQL Server 2012/2008/2005/2000, DB2.

**Operating Systems:** Windows 7/2003/2013/Unix

**Scheduling tools:** Crontab, Autosys and Tivoli Workload Scheduler (TWS)

**Modeling:** Erwin

**Client: US Bank 2022 FEB - Present
Location: Minneapolis, MN**

**Sr.ETL Developer**

**Responsibilities:**

**•** Analyzed the requirements and formulated the business logic for the ETL process.

• Data extracted from Oracle as one of the source databases.

• Participated in JAD meetings to gather and understand requirements.

• Involved in ETL design and its documentation.

• Experience working with slowly changing dimensions.

• Collect and combine metadata from various sources including Oracle relational databases, XML, and flat files.

* Perform including SQL Agent jobs to update source of Data by use of SSIS Package.

• Responsible for database development, implementation, and support.

• Extensive experience in PL/SQL design and development of functions, procedures, triggers, and packages.

•Extracted client information data and history from DB2 into flat files, transformed and loaded into Teradata database.

• Develop mappings in Informatica to load data, including facts and dimensions, from various sources into the data warehouse using various transformations such as Source Qualifier, Expression, Lookup, Aggregate, Update Strategy, and Joiner.

• Data Extraction, aggregations, and consolidations of Adobe data within AWS Glue using PYSpark.

* Generated python Django forms to record data of online users.

• Developed reusable mapplets and transforms.

• Used the Data Integrator tool to support batch and real-time integration and worked on staging and integration layers.

* Wrote Python routines to log into teh websites and fetch data for selected options.
* Designed and Developed ETL process in AWS Glue to migrate campaign data from external sources like S3.

•Developed an ETL process in Informatica to load data from XML, Oracle, SQL Server, flat files (fixed width), and Excel files to a staging database, and from a staging database to a target Oracle database.

Responsible for Deploying, scheduling jobs, Alerting and Maintaining SSIS Packages

• Optimized mapping performance through extensive testing on sources, targets, and transforms.

• Informatica mapping and workflow design, development, and development. Identify and eliminate bottlenecks to improve mapping and workflow performance.

• Review existing code and direct efforts to optimize the performance of existing Informatica processes

• Schedule sessions to extract, transform, and load data into the warehouse database based on your business needs.

* Worked on a team of developers on python applications for card management of the bank.

•Developed the ETL process to generate HTML files for each client as per the business requirement.

• Schedule tasks in Autosys.

• Use Informatica to load flat file data into the staging area.

• SHELL SCRIPTS created for general use.

• Develop unit/assembly test cases and UNIX shell scripts and run alongside daily/weekly/monthly batches to reduce or eliminate manual testing effort.

**Technologies:** Power Center 10.x/9.6, Oracle 11g, SQL Server, Unix, TWS, DB2, AWS, Python.

**Client: S&P Global 2020 Jan – 2021 Dec**

**Location: New York NY**

**Sr.ETL Developer**

**Responsibilities:**

* Interacted with business partners to analyze requirements, which were then turned into a functional ETL design.
* Read CDC data from Mainframe source systems using Informatica power exchange.
* Data maps were constructed in Power Exchange to acquire CDC data and then exported and imported.
* To do the row test Power Exchange, I created Registration and Extraction groups.
* Imported the CDC data from Mainframe source systems into Power Center using Power Exchange.
* Worked in setting up Test automation for corporate banking and established CICD for unit and regression testing.
* Setup CI/CD pipelines so that each commit a developer makes will go through a standard process of software lifecycle.
* Designed the ETL operations to load CDC data from the Mainframe database to staging tables using Power Exchange.
* Created entire application python, MYSQL and LINUX.
* Designed Informatica ETL methods to load CDC data from Oracle staging tables to the destination Salesforce.
* Created ETL Script in python to get data from one database table and insert, update the resultant data to another database table.
* Extracted and loaded data using python scripts and PL/SQL packages.
* SQL and PL/SQL scripts were generated to construct and drop database objects such as tables, views, primary keys, indexes, Constraints, Packages, Sequences and Synonyms.
* Responsible for building, supporting, and managing Informatica PowerCenter ETL (Extract, Transform, and Load) procedures.
* Transformations such as Expression, Aggregator, Router, Joiner, Lookup, Update strategy, and Sequence generator were extensively employed.
* Implementing various SSIS packages having different tasks and transformations and schedule SSIS Packages.
* Using Autosys, create batches and sessions to schedule loads at the desired frequency.
* Estimate additional requirements, improvements, and flaws.
* Work with upstream systems to understand the changes on their system, conduct an effect analysis on our system, estimate appropriate adjustments, and implement the changes.
* SQL tuning involves understating the explanation plan and adding or removing indexes as needed, as well as applying hints.
* Build Data migration processes using SQL server as database and SSIS as ETL.
* Identifying and reducing performance bottlenecks in informatica mappings, sessions, and systems for improved performance.
* Promote the codebase to QA, UAT, and a single production deployment.
* Bitbucket, Bamboo, and Release Automation tools to deploy the code to various environments.

 **Technologies:** Power Exchange 10.x/9.6, Power Center 9.6, Mainframes, Salesforce, Oracle 11g, Unix, TWS, AWS, Python.

**Client: Hilton 2019 APR – 2019 DEC**

**Location: Memphis, TN**

**ETL Developer**

**Responsibilities:**

• Participated in the end-to-end deployment of data integration from multiple sources into Data Lake.

• Collaborate with product engineering, operations, and the leadership team to comprehend data, structures, and information requirements, as well as to create prototypes and solutions that support required business and technological capabilities.

• Work collaboratively with business experts, data scientists, and executives to develop dashboards, visualizations, and prototypes into large-scale, efficient solutions.

• Installed and configured the cloudberry utility to manage data transfers from various places to S3 buckets.

• Create Databricks pipelines to collect data from various sources and store it in a data lake for local and global reporting.

• Configure Databricks workloads to replicate manufacturing systems to a data lake for metrics reporting.

• Design and implementation of data pipelines to enrich AWS Data Lake for various business purposes.

•Loaded data to and from Flat files and databases such as DB2, SQL Server.

•Designed Informatica ETL procedures to load data from Oracle, SQL Server, Flat Files (Fixed Width), XML and Excel files to staging database and from staging to target Oracle database.

• Using a server-less architecture to save money.

• New data pipelines for ingesting and processing data for new products at various stages of qualification and manufacturing.

• Involved in the design, implementation, and automation of ETL packages that use Spark to cleanse, validate, and transform data before loading it into Hive tables daily.

• Built external Hive tables with partitioning enabled and pointing to a s3 location.

• Developed and configured S3 buckets for data storage.

• Email notification automation to notify users of any load failures or data validation problems.

• Designed and built Yield aggregation tables in Redshift database from hive tables.

• In charge of the design, development, and testing of the ETL procedures required to extract data from source databases, transform, cleanse, and load data into data warehouses using Spark and Hive.

• Developed shell scripts that invoked shell scripts that invoked ETL's.

• In HIVE, we implemented partitioning, dynamic partitioning, and bucketing.

**Technologies:** Power Center 10.x/9.6, Oracle 10g, Unix, Autosys.

**Client: MATRIX SOLUTIONS 2016 May – 2018 June**

**Location: Hyderabad, INDIA**

**ETL Developer**

**Responsibilities:**

* Interacted with business partners to analyze requirements and incorporate them into a functional ETL architecture. Participated in data modeling (logical and physical) for the operational database for the review tool.
* Designed the ETL processes in Informatica to load data from Oracle, SQL Server, Flat Files (Fixed Width), XML, and Excel files to the staging database and from the staging database to the target Oracle database.
* Developed SQL and PL/SQL scripts to create and drop database objects such as tables, views, and primary keys, indexes, constraints, packages, sequences, and synonyms; imported XML target definitions from XML, DTD, and XML schema files; and worked with Informatica power exchange to read data from source systems.
* Developed, supported, and maintained ETL (Extract, Transform, and Load) processes using Informatica PowerCenter.
* IDQ was used to create data profiles and scorecards in order to identify data outliers.
* Using Autosys, create batches and sessions to schedule loads at the desired frequency.
* Estimate additional requirements, improvements, and flaws.
* Work with upstream systems to understand the changes on their system, conduct an effect analysis on our system, estimate appropriate adjustments, and implement the changes.
* SQL tuning involves understating the explanation plan and adding or removing indexes as needed, as well as applying hints.
* Identifying and reducing performance bottlenecks in informatica mappings, sessions, and systems for improved performance.
* Promote the codebase to QA, UAT, and testing and one-time production deployment.
* Collaborate with the Production support team to resolve/correct task problems and deployments.
* Error Handling: Errors are handled in Informatica Mappings and Sessions, as well as through Validation Scripts.
* Participated in weekly end user meetings to review data quality, performance concerns, data correctness, and new requirements, among other things.
* Working with the business team to prioritize stories for sprint planning Participating in Sprint Capacity Planning.
* Manage and coordinate on-site and off-site teams.

**Technologies:** Power Center 9.1, Oracle 10g, Unix, Autosys.

**Clinet: AJR Info Systems**

**Location: Hyderabad,INDIA . 2014 July – 2016 April**

 **ETL Developer**

**Responsibilities:**

* Analyzing source data and collaborating with business users on requirements, design, and development.
* Informatica Power Exchange was used to capture change data in source tables.
* Read CDC data from Mainframe source systems using Informatica power exchange.
* Data maps were constructed in Power Exchange to acquire CDC data and then exported and imported.
* Extracted data from Oracle Sources and loaded it into SQL Server Stage tables.
* In Power Center, I used business logic and transformation rules to load data into SQL Server Warehouse.
* Design and mapping documentation were created.
* Using mapping designer, transformation developer, and mapplet designer, I created mappings/reusable objects/transformations/mapplets.
* To do the row test Power Exchange, I created Registration and Extraction groups.
* To obtain the CDC, I imported Mainframe source systems into Power Center using Power Exchange to get the CDC data.
* Created and utilized reusable transformations and mapplets in mappings.
* Informatica guidelines, techniques, and best practices were implemented.
* Slowly shifting dimensions were implemented to keep current and historical information in dimension tables.
* Wrote numerous SQL/PLSQL programs to validate data in the database.
* In Power Center Designer, I used Aggregate, Expression, Filter, and Sequence Generator, Update Strategy, Union, Lookup, Joiner, XML Source Qualifier, and Stored Procedure transformations to create complicated mappings.
* Transformations such as Router, Aggregator, Normalizer, Joiner, Expression, Lookup, Update strategy and Sequence generator, Stored Procedure were extensively employed.
* Developed Informatica session scheduling PL/SQL and UNIX Shell Scripts.
* Using post-session scripts, I created E-mail notifications tasks.
* Using the command line software pmcmd, I interacted with the server to start and end sessions and batches, as well as to stop Informatica server and recover the sessions.
* Procedures were written to drop and recreate indexes in the target Data warehouse before and after sessions.
* I created deployment groups and transferred the code to several environments.
* Documentation in writing describing software development, logic, coding, testing, updates, and corrections.
* Supported the development of the complete warehouse architecture and the ETL process.

**Technologies:** Informatica Power Center 8.1, Power Exchange 8.1, Oracle9i, DB2 9.3 and UNIX.