**Sravya V**

**Sr.ETL Informatica Developer**

**Mobile: (571)577-5482**

**Email:** [**Vsravya85@gmail.com**](mailto:Vsravya85@gmail.com)

**Summary:**

* Over 8 Years of IT experience in designing, implementation, development, testing and maintaining the ETL components for building Data Warehouse & Data marts across different domains.
* Experienced in all stages of the software lifecycle Architecture (**Waterfall model, Agile Model**) for building a Data warehouse.
* Well acquired on **Informatica Power Center 10.x/9.x/8.x/7.x** Designer Tools (Source Analyzer, Warehouse Designer, Mapping Designer, Mapplet Designer, and Transformation Developer), Workflow Manager Tools (Task Developer, Worklet and Workflow Designer) and Repository Manager & Admin console.
* Extensively worked on various transformations like **Lookup, Joiner, Router, Rank, Sorter, Aggregator, Expression**, etc.
* Exposure to Data Warehousing, Data Architecture, Data Modeling, **Data Analysis, SDLC Methods**.
* Good Understanding with experience in **Ralph Kimball Methodology, Bill Inmon Methodology, entity-relational and dimensional-relational table modeling** using Data Modeling (Dimensional & Relational) concepts like **Star Schema Modeling and Snow-flake schema** modeling.
* Extensive experience with Data Extraction, Transformation, and Loading(ETL) from heterogeneous Data sources of Multiple Relational Databases like **Oracle, Teradata, DB2, SQL Server, My Sql, Sybase** and Worked on integrating data from **flat files like fixed width and delimited, CSV, XML** into a common reporting and analytical Data Model (DWH) using Informatica PC.
* Involved in Troubleshooting data warehouse bottlenecks, Performance tuning - session and mapping tuning, session partitioning & implementing Pushdown optimization.
* Strong knowledge of reporting tools and working with reposting & Business users.
* Experience with **Teradata utilities like Fast load, Fast Export, Multi Load, TPUMP & TPT**. Have experience in creating **BTEQ** scripts.
* Experience with **Teradata Performance Tuning** using Explain Plan.
* Experience in proper usage of **Different Teradata Tables, Indexes (PI, SI & JI)**.
* Experience on Oracle utilities like **SQL Loader**.
* Extensively used **SQL and PL/SQL** for development of Procedures, Functions, Packages and Triggers.
* Experience in using the Informatica command line utilities like PMCMD to execute workflows in Unix
* Used **versioning for code migration** activities.
* Proficiency in data warehousing techniques for **Slowly Changing Dimension** phenomenon, surrogate key assignment, Normalization & De-normalization, Cleansing, Performance Optimization along with the **CDC (Change Data Capture)**.
* Experience in doing **Unit Testing** and also working with **QA team for System Testing**.
* Good Experience in UNIX Shell scripting & Windows Batch Scripting for Parsing Files & automation of batch ETL jobs.
* Involved in **Supporting Data Warehousing jobs** as well supporting **Data issues for Business Users using trouble ticket management** system.
* Versatile team player with excellent analytical, communication and presentation skills.

**Technical Skills:**

|  |  |
| --- | --- |
| **ETL Tools** | Informatica Power Center 10.1.0/9.6.1/9.5.1/9.1/8.6/8.5/8.1/7.1  (Workflow Manager, Workflow Monitor, Repository manager). |
| **Databases** | Teradata 15/14/13/12, Oracle 8.x/9i/10g/11g/12c, DB2, MS SQL Server 2000, Sybase, My Sql. |
| **Database Utilities**  **Modelling** | Dimensional Data Modeling, Star Schema Modeling, Snow - flake Schema Modeling, E-R Modeling, Microsoft Visio. |
| **Languages and Packages** | SQL, PL/SQL, Unix Shell Scripting, XML, Java |
| **Operating Systems** | Windows, Unix, Linux, MS-DOS |
| **Testing Tools** | Quality Center, Mercury Test Director |
| **Other Tools** | Sql Assistant, Sql Developer, Toad, Putty, Winscp, SQL Plus, SQL Loader, Netezza. |
|  |  |

**Bank of West, San Ramon, CA Oct 2017-Current**

**Sr.ETL Informatica Developer**

As part of this project, providing IT services to Bank in different models across multiple data warehouse, ETL & reporting technologies. I work closely with the ETL team, customers, business analysts and other colleagues in the IT department to analyze operational data sources, determine data availability, define the data warehouse schema and develop ETL processes for the creation, maintenance, administration and overall support of the data warehouse.

**Responsibilities:**

* Worked with Business analysts and the DBA for requirements gathering, business analysis and designing of the data marts.
* Estimates and planning of development work using Agile Software Development.
* Ensured performance metrics are met and tracked
* Processes to generate Daily, Weekly and Monthly data extracts were developed and the data files were sent across to the downstream applications.
* Designing and Developing ETL (Extract, Transformation & Load) strategy to populate the Data Warehouse from the various source systems such as Oracle, Flat files, XML.
* Working on slowly changing dimension Type1 and Type2.
* Configured tasks and workflows using workflow manager.
* Extensively working with Informatica Designer and workflow manager. Designed and developed various mappings and mapplets in mapping designer, sessions and workflows in workflow manager to extract data from various sources and load into Oracle database tables.
* Used Session Parameters to increase the efficiency of the sessions in the Workflow Manager.
* Helped in Performance Tuning for Oracle RDBMS using Bulk binding, Explain Plan, Parallelism while insert, select and creating required table indexes.
* Prepared Impact analysis, technical design, Run-Book documents for each assigned task.
* Supported Integration testing and User acceptance testing, and HP QC is used for defect life cycle management.
* Involved in supporting the existing applications by resolving the abends, suggested code changes and knowledge transfer to new team members.
* Responsible for creating plans for the code migration using SVN as a version control tool following security policy.
* Wrote UNIX shell Scripts for FTP of files from remote server, backup of repository and folder, sending exceptional mails with reports etc.
* Implemented couple of Health Checks to make sure data loads are accurate.
* Involved in leveraging data for Reporting purposes which further be used for business analysis
* Conducting internal and external reviews as well as formal walk through among various teams and documenting the proceedings.
* Involved in analysis , documenting & testing Informatica Upgrade from 9.6.1 to 10.1
* Identify performance issues on the code which are performing badly and tune them to complete the jobs within the given SLA time.
* Coordinating with DBA in creating and managing tables, indexes, constraints, Table-spaces and data quality checks.
* Helped Setting up TEST and UAT environments to reproduce the production issue and proposed solutions
* Involved in trouble shooting the existing production issues, discussing feasible solution with team and get sign off from business for further development tasks.
* Exploring new solutions for existing applications in improving data quality, better performance, best customer experience.
* Programming ad-hoc reports related to get business approval, Data warehouse testing and execute the testing effectively.
* Preparing the Mock data to satisfy all positive and negative Business rules for unit and UAT testing.

**Environment:** Informatica Power Center 10.1/9.6.1, Oracle 12c, Flat Files, XML, SVN, Toad, Unix, Windows.

**Texas Medicaid and Health Care Partnership, Austin, TX Mar 2015 – SEP 2017**

**Sr.ETL Informatica Developer**

In this project I worked closely with the ETL team, customers, business analysts and other colleagues in the IT department to analyze operational data sources, determine data availability, define the data warehouse schema and develop ETL processes for the creation, maintenance, administration and overall support of the data warehouse.

**Responsibilities:**

* Worked with Business analysts and the DBA for requirements gathering, business analysis and designing of the data marts.
* Preparation of technical specification document for the development of Informatica Extraction, Transformation and Loading (ETL) mappings to load data into various tables in Data Marts and defining ETL standards
* Estimates and planning of development work using Agile Software Development.
* Good experience on Agile Methodology and the scrum process.
* Ensured performance metrics are met and tracked
* Processes to generate Daily, Weekly and Monthly data extracts were developed and the data files were sent across to the downstream applications.
* Involved in Data modeling review sessions - E/R diagrams, normalization and de-normalization as per business requirements.
* Comfortable with both technical and functional applications of RDBMS, Data Mapping, Data management and Data transportation.
* Written Teradata BTEQs to move data from staging to base as well used utilities – M-Load, F-Load, F-Export, Tpump, TPT.
* Experience in Performance tuning of Source SQL queries and Teradata Queries.
* Designed and Developed ETL (Extract, Transformation & Load) strategy to populate the Data Warehouse from the various source systems such as Oracle, Oracle GG, Flat files, XML, My Sql.
* Sourced transaction data being staged by Golden Gate tool CDC (Change Data Capture) through Informatica Power center and loaded into the target
* Worked on slowly changing dimension Type1 and Type2.
* Configured tasks and workflows using workflow manager.
* Involved in the creation of Oracle Sql and PL/SQL stored procedures and functions.
* Involved in fixing invalid Mappings, testing of Stored Procedures and Functions, Unit and Integration Testing of Informatica Sessions, Batches and the Target Data.
* Tuned the Sessions for better performance by eliminating various performance bottlenecks.
* Used Session Parameters to increase the efficiency of the sessions in the Workflow Manager.
* Writing UNIX & Perl script to load data from sources to staging tables, to create indirect file list, generate parameter files for respective paths.
* Used SVN for version control and Maestro for Job scheduling.
* Applied Agile methodology throughout the development life cycle of application.

**Environment:** Informatica Power Center 9.6.1/9.5.1, Oracle 11g, Oracle Golden Gate, CDC, PLSQL, Teradata 14/13, Teradata Tools and Utilities, Maestro, My Sql, UNIX, Putty, Perl, MS Visio.

**Anthem Inc, Norfolk, VA Jan 2013- Feb 2015**

**Sr.ETL Informatica Developer**

This Project is extracting Provider Directory and Provider Network File data from the Enterprise Reporting group to the PDX group, creating new extracts and also Standardize Provider Directory extracts and Provider Network File data to a single platform (PDX) for all Medicaid markets and aligns responsibility for maintaining them with the team supporting PDX.

**Responsibilities:**

* Using Informatica Power Center Designer analyzed the source data to Extract & Transform from various source systems (SQL server and flat files) by incorporating business requirement rules.
* Using Informatica Power Center 9.5.1 as a tool, extracted data from Flat files, SQL to build Data Source and Applied business requirement logic to load the Facets, Vendor and Pharmacy data into Data Warehouse Data Mart Tables.
* Designed and developed Mappings using different transformations such as Source Qualifier, Expression, Aggregator, Filter, Joiner, and Lookup to load data from source to target tables.
* Created Stored Procedures to handle the selection criteria such as Address, Provider, Specialty, Chapters and Credentialing and to load the data for the Extract and Exclusion reports based on the business requirements.
* Created Stored Procedures to load the crosswalks data for Medicare Provider and Printed Directories to SQL Staging tables.
* Created variables and parameters files for the mapping and session so that it can migrate easily in different environment and database.
* Worked with re-usable sessions, decision task, control task and email tasks for on success/on failure mails.
* Used Teradata utilities like Fast load, Fast Export, Multi Load, TPUMP & TPT and experience in creating BTEQ scripts.
* Involved Teradata Performance Tuning using Explain Plan.
* Involved in proper usage of Different Teradata Tables, Indexes (PI, SI & JI).
* Migration of ETL code from Development to QA and from QA to Production environments.
* Involved in working with business analyst in resolving the issues related with the migration of designs from Dev Server to Prod Server.
* Perform Unit testing by writing simple test scripts in the database and involved in integration testing.
* Creating and Deploying SSRS reports for the provider directory Health Plan and vendor data and generate the daily, weekly, monthly and Quarterly reports.
* Created various batch Scripts for scheduling various data cleansing scripts and loading process.
* Created Subscriptions and generated Subscription ID’s for the Extract and Exclusion Reports from SSRS Reports.
* Created tidal jobs to schedule the informatica workflows using Tidal Scheduler.
* Extensively worked on creating technical design documentation.

**Environment:** Informatica Power Center 9.5, SQL Server 2012, Oracle 11g, Flat Files, Teradata 12, SSRS, Microsoft Visual Studio 2012, Tidal, JIRA, Microsoft Visio, SharePoint, Facets, Tortoise SVN.

**Bank of America, NY Nov 2011 - Dec 2012**

**ETL Informatica Developer (Offshore)**

This Data mart is projected to assist Sales and Marketing Department to analyze their sales and also categorize their customers based on significant portfolio services including checking accounts, savings accounts, personal loans and geographical area. Using different ad-hoc analysis, Warehouse is supposed to assist in defining strategy for each customer category.

**Responsibilities:**

* Involved in system study, analysis of the requirements and designing of the complete system.
* Created mapping documents with the required Transformation logic, Sources and Targets for Facts and Dimensions.
* Responsible for verification of functional specifications and review of deliverables.
* Designed and Created data cleansing, validation and loading scripts for warehouse using Informatica Power Center 9.1.1/8.6.1.
* Extensively used Informatica Client Tools Source Analyzer, Warehouse Designer, Transformation Developer, Mapping Designer, Mapplet Designer, and Informatica Repository.
* Created reusable transformations and Mapplet to use in multiple mappings.
* Used debugger to test the data flow and fix the mappings.
* Created and monitored workflows and tasks using Informatica Power Center Work flow Manager.
* Analyzed newly converted data to establish a baseline measurement for data quality in data warehouse.
* Logical and physical Sybase database design in Erwin for data warehouse used by a securities lending application.
* Created repository, Groups, Users assigned privileges using repository manager.
* Developed mappings/transformation/mapplet by using mapping designer, transformation developer and Mapplet designer in Informatica Power Center.
* Worked with XML sources to get the data to Oracle to suite our environment.
* Setting up batches and sessions to schedule the loads at required frequency using Power Center server manager.
* Involved in Version control of the jobs to keep track of the changes in the Development Environment.
* Developed Shell scripts to setup runtime environment, and to run stored procedures, packages to populate the data in staging tables.
* Documented the purpose of mapping so as to facilitate the personnel to understand the process and incorporate the changes as and when necessary.
* Developed Unit test cases for all the jobs.
* Provided assistance during user testing.

**Environment:** Informatica Power Center 9.1.1/8.6, Oracle 9i/8i, SQL Server 2005, Sybase, PL/SQL, SQL Loader, Unix Shell Script, Windows.

**ICICI Bank, HYD Jul 2008 – Aug2011**

**ETL Developer (Internship)**

ICICI is one of the leading banks in India. The project caters bringing the different product systems of the bank. It caters for various levels of aggregation and summarization of the products of the bank. Systems include the following products and related information: Customer Information, General Ledger, Current Accounts, Credit Card, Loans, Trade Finance, Treasury, Collaterals, Facilities, NPL and MFA/MRA.

**Responsibilities:**

* Translated business requirements into data warehouse design
* Involved in understanding logical and physical enterprise data warehouse schemas.
* Used Star Schema approach for designing of Data Warehouse.
* Integrated different systems using Informatica server configuration. Extracted data from Flat files, Oracle, SQL Server, MS-Access and Loaded data into Oracle using Informatica.
* Created Source definitions, Target definitions, Mappings, Transformations, Reusable Transformations, Mapplet using Informatica Designer tool which includes Source Analyzer, Warehouse Designer, Transformation Developer, Mapping Designer and Mapplet Designer.
* Created sessions, database connections and batches, Scheduled and monitored transformation processes using Informatica Server Manager.
* Used Informatica repository manager to backup and migrate metadata in development, test and production systems.

**Environment:** Informatica Power Center 7.1.1/8.1.1, Cognos Impromptu 6.0, Impromptu web reports (IWR 6.0), UNIX, PL/SQL, Oracle 8.0/8i and Win NT.

**Educational Qualifications:**

Bachelor of Technology from JNTU (Jawaharlal Nehru Technical University), Hyderabad, India.