**Bhanu**

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**Summary:**

* 7+ years of Strong data warehousing experience with extensive knowledge in **SDLC: Data Analysis, Design, Development, Implementation and Testing using Data Extraction, Data Transformation and Data Loading (ETL) using Informatica Power center9.5/9.1.1/8.6/8.1/7.1.**
* Possess strong Documentation skill and knowledge sharing among Team, conducted data modeling review sessions for different user groups, participated in requirement sessions to identify requirement feasibility.
* Extensive experience in **Relational and Dimensional Data modeling** for creating Logical and Physical Design of Database and ER Diagrams using multiple data modeling tools like **ERWIN, ER Studio.**
* Experience in **BI / Data warehouse** projects involving **Informatica** and **Cognos suite** of products.
* Experience in working with data warehouses and **data marts** using Informatica Power center (Designer, Repository Manager, Workflow Manager, and Workflow Monitor).
* Understanding & Working knowledge of Informatica **CDC (Change Data Capture).**
* Worked as a Technical Team Lead to help my team members resolving any issue related to **coding, testing, performance tuning in developing Informatica mappings and workflows**.
* Proficient in designing and developing complex standard and re-usable mappings and mapplets using various transformation logics by utilizing the expression, filter, joiner, lookup, router, rank, normalizer, aggregator.
* Expertise in unit testing at various levels of the ETL as well as SQL, UNIX etc.
* Developed Strategies for **Extraction Transformation Loading** (ETL) mechanism.
* Extensive experience in analyzing the **Dimensional Data modeling, Star Schema/Snowflake Schema, modeling, FACT & Dimensions tables, Physical & logical data.**
* Extensive work with **PL/SQL, performance tuning** of Oracle.
* Experienced with **Informatica Power Exchange (5.x/8.x/9.x)** for Loading/Retrieving data from mainframe systems.
* Good experience with configuring **Data Warehouse Administration Console (DAC)** for creating execution plans, metadata management and monitoring the Informatica ETL Process.
* Writing Teradata SQL queries to join or any modifications in the table.
* Extensively worked with Teradata utilities like BTEQ, Fast Export, Fast Load, Multi Load to export and load data to/from different source systems including flat files.
* Worked with Data Warehouse Administration Console (DAC) to schedule and run full and Incremental ETL loads, to schedule the Informatica jobs, and to customize Execution Plans.
* Experienced **Oracle Apps (Oracle E-Business Suite)**.
* Experience in Data Modeling experience using **ERWIN 3.x**
* Experience with Sybase as the target for the data marts.
* Extensive Unix Shell Scripting knowledge.
* Extensive experience with relational databases (**Sybase 15.x, Oracle 8i/9i/10g, Teradata v2 R6, SQL Server 2000/2005)**.
* Strong understanding in the principles of Data ware housing using Fact Tables, Dimension Tables, star schema modeling and snowflake schema modeling, Slowly changing dimensions, foreign key concepts, referential integrity.
* Maintained outstanding relationship with Business Analysts and Business Users to identify information needs as per the business requirement Experience working with Onside-Offshore model.

**Skill Set:**

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| --- | --- |
| ETL Tools | Informatica Power Center 9.1/8.6.1.1/7.1.2/6.2/6.1/5.1, Power Mart  5.0/4.7, Dataware House Builder, Abintio. |
| Operating Systems | Windows XP/2000/NT/98/95, Windows 2003 server, Unix, MSDOS |
| RDBMS | Oracle 11g,10g/9i/8i/8.0, MS-SQL Server 2005/2000/7.0/6.5 |
| Data Modeling | Erwin 4.1.4/3.5.2 |
| Data Base Tools | SQL Loader, Toad 4.0.3, MS Visio, MS Access |
| Reporting Tools | Business Objects XI/6.x/5.x, OBIEE 10.x/9.x; Power play and Transformer. |
| Scripting | UNIX Shell Scripting |
| Web Technology | Web Technology HTML, Java script |
| Languages | SQL, PL/SQL, C, C ++, Java 1.2, XML. |

**Professional Experience:**

**Northern Trust bank, IL Dec’14 – Till Date**

**Sr. ETL Developer/ETL Tester**

**Project Description:** Fund accounting data warehouse project is part of an overall strategic effort to re-engineer the data warehouse and data mart platforms for use in client reporting. The operational data is extracted from GIO (Invest One) – [VSAM and DB2] and AIP, extracts will be created using COBOL programs. These modules looks up configuration tables based on extract name, spectra code etc. to extract data. Using configuration table copybook of given extract be generated. DataStage jobs loads extracts to staging tables. Preprocessing to load jobs DataStage creates schema file for load jobs. DataStage module looks up configuration tables based on extract name, staging table etc to create schema files. Using schema files and VSAM files load data into staging tables. Completion of Staging load data will load into ODS tables.

**Responsibilities:**

* Interacting with Business Analysts to understand the requirements
* Analyzing the requirements and preparing design.
* Involved in ETL designing and coding. Extensively used ETL to load data from Oracle database, SQL server, and Flat files to Teradata Data Warehouse.
* Reviewed the logical model with Business users, ETL Team, DBA’s and testing team to provide information about the data model and business requirements.
* Involved in production support for the Data Warehouse Informatica jobs.
* Modified the existing mappings and workflows as per requirement changes and migrated them back to production environment.
* Created robust and complex workflow and Worklets using Informatica Workflow Manager and troubleshot data load problems
* Wrote SQL Queries, Triggers and Shell Scripts to apply and maintain the Business Rules.
* Translated business requirements into Informatica mappings/workflows
* Used Source Analyzer and Warehouse designer to import the source and target database schemas, and the Mapping Designer to map the sources to the target.
* Used Informatica Designer to create complex mappings using different transformations like Source Qualifier, Expression, Lookup, Aggregator, and Update Strategy, Joiner, Filter and Router transformations to pipeline data to Data Warehouse/Data Marts.
* Developed BTEQ scripts to implement the business logic.
* Developed BTEQ scripts to migrate mappings from one environment to other.
* Developed Mappings to extract data from ODS to Data Mart, and monitored Daily, Weekly and Monthly Loads.
* Designed and developed unit test cases for system integration testing.
* Involved with the users in the creation of test scripts for the user acceptance testing
* Developed some scripts to take weekly backups of certain tables using korn shell and import/export utilities.
* Worked on tuning some individual mappings and oracle queries that causing performance bottlenecks.
* Written documentation to describe program development, logic, coding, testing and changes made.
* Created and monitored Sessions/Batches using Informatica Server Manager/Workflow Monitor to load data into target Oracle database.
* Worked with mapping variables, Mapping parameters and variable functions like set variable, Count Variable, Setminvariable and Setmaxvariable.

**Environment:Informatica Power Center 9.5/9.1, Teradata 13 1, SQLServer 2005, Tidal, Mercury Quality Centre 10.1, DAC, PL/SQL, OBIEE 10g, Toad, UNIX Shell Scripts.**

**Massachusetts Mutual Life Insurance, MA Dec’13 – Nov’14**

**Role: Sr. Informatica Developer**

**Project Description:**In order to meet Mass Mutual Retirement Service’s goal of expanded use of technology leading to actionable information and integration, the Strategic Information Delivery Program is designing and implementing a new RS Business Information Factory. Strategic Information Delivery (SID) program is part of Retirement Services’ (RS) Tech Strategy which is set out to deliver new capabilities for RS in order to meet future business needs. SID will develop centralized data repository, i.e. Business Information Factory (BIF) which will serve as a single point of access (book of record) for information maintained and/or analyzed by RS. Towards this strategic initiative, the Actual implementation project has been initiated after successful completion of Phase 1 (i.e. carried out under Proof of Concept) to develop building blocks for the business information factory which will be proven against several data feeds of actual business consumers to the factory.

**Responsibilities:**

* Interacted with business analysts, architects and application developer to analyze the data model and gathered the requirements.
* Involved in Code reviews and determining Informatica standards for Mappings/Sessions/ Workflows.
* Created reusable transformations and mapplets and used them in mappings.
* Implemented the slowly changing dimensions (SCD) type1 and type2 to maintain current information and history information in the dimension tables.
* Used Informatica Power Center Workflow manager to create sessions, batches to run with the logic embedded in the mappings.
* Created complex mappings in Power Center Designer using Aggregate, Expression, Filter, and Sequence Generator, Update Strategy, SQL, Union, Lookup, Joiner, XML Source Qualifier, Unconnected lookup transformations.
* Created shell scripts to kick off Informatica workflow/s and PL/SQL procedures.
* Created Database Triggers, Stored Procedure, Functions and Packages in Teradata.
* Extensively used debugger to trace the errors.
* Extensively tested the code and documented the Unit Test Cases.
* Developed BTEQ scripts and used other Teradata utilities for loading data to different systems.
* Assisted the testers in system and integration testing and preparing the test cases and test plan.
* Taking the backup of the repository at regular interval depending on the amount of work done.
* Extensively used UNIX scripts for automation of ETL process.
* Extensively worked on tuning mappings and reducing processing times.
* Worked with DBA to identify source and target bottle necks.
* Analyzed existing requirements and consolidated the reports for effective and efficient reporting.
* Involved in production support for the data warehouse Informatica jobs.
* Involved in bug fixing. Debugged the issues during QA level.

**Environment:Informatica Power Center 9.5, Teradata, CA Scheduling, DBArtisian 9.0, YART1.0, UNIX /LINUX Shell Scripting, Tortoise SVN, Putty, Toad, OBIEE.**

**Dean Foods, VA Sep’ 12 – Dec’13**

**Sr. ETL Developer/ETL Tester**

**Project Description:** EIM Staff Augmentation is a data warehouse project to develop a proper platform for the Dean Foods management to handle the staffing information. Project is an integral part of financial planning and analysis of dean foods. Data extracts from the source table have been loaded into a warehouse with the help of a consolidated layer in between. Data loading into consolidated layer acts as the initial phase of the project which was then followed by second phase of project where in data was being moved from consolidated layer to the final targets. Both targets and sources being Teradata tables. Batch scripts are used to trigger the BTEQ scripts which perform transformations and load data into final targets**.**

**Responsibilities:**

* Interacted with business analysts, architects and application developer to analyze the data model and gathered the requirements.
* Analyzed existing requirements and consolidated the reports for effective and efficient reporting.
* Extensively worked on tuning mappings and reducing processing times.
* Involved in Code reviews and determining Informatica standards for Mappings/Sessions/Workflows.
* Met with end users to gather requirements.
* Translated business requirements into **Informatica mappings/workflows.**
* Created various transformations such as **Normalizer, Union, Aggregator, Update Strategy, Look Up, Joiner, Filter and Router** Transformations.
* Involved in **Performance tuning**. Identified and eliminated bottlenecks (source, target, and mapping).
* Proficient experience in working on conceptual, physical and logical data models(3NF) using various Data Modeling tools like Erwin, MS Visio, Power Designer.
* Created shell scripts to kick off Informatica workflows and PL/SQL procedures.
* Used DAC (Data warehouse Administration Console) for both incremental and full loads.
* Created Database **Triggers, Stored Procedure, Functions and Packages**.
* Extensively used debugger to trace the errors.
* Extensively tested the code and documented the Unit Test Cases.
* Created **UNIX scripts** for automation of ETL process.
* Assisted the testers in system and integration testing and preparing the test cases and test plan.
* Trained on building Conceptual, Logical and Physical data model
* Taking the backup of the repository at regular interval depending on the amount of work done.
* Worked with DBA to identify source and target bottle necks.
* Involved in **bug fixing**. Debugged the issues during QA level.

**Environment:Informatica Power Center8.6.1/9.1, SQL Server 2005, Control M, Oracle 10g, PL/SQL, Business Objects XIR2, DAC, Toad, Linux, UNIX Shell Scripts.**

**PepsiCo, TX Jun’11 – Jul’12**

**Sr. ETL Developer/ETL Tester**

**Project Description:** HP Service Manager is an application that enables Business Information Solution Associates of PepsiCo to Utilize Information Technology Infrastructure Library (ITIL) best practices for Service Management. Based on the business needs from different territories, PepsiCo has customized the “HP Service Manager” to track the performance indicators to provide the efficient service Management services to the users. This customized Service Manager so-called “Global Service Manager (GSM)” is used internationally across the PepsiCo markets by the PepsiCo Associates for tracking/Logging the tickets/Incidents. This project is intended to build a Data warehouse that holds all the modules of GSM for all Sectors at one point to facilitate BO reporting.

**Responsibilities:**

* Designed and developed slowly changing dimensional model for reference tables.
* Extensively used ETL to load data from sequel server database, Flat files to Data Warehouse
* Used **Informatica Power Connect** to directly source and integrate enterprise data.
* Used **Informatica Designer** to create complex mappings using different transformations like filter, Router, lookups, stored procedure, joiner, update strategy, expressions and aggregator transformations to pipeline data to Data Warehouse/Data Marts.
* Modified the existing mappings and workflow as per requirement changes and migrated them back to production environment
* Created robust and complex **workflow and worklets** using **Informatica workflow manager** and troubleshooting data load problems.
* Created **Database Triggers, Stored Procedure, Functions and Packages**.
* Extensively worked in the **performance tuning** of programs.
* Pmcmd commands of Informatica in **UNIX scripts.**
* Designed and developed a process to load Historical data.
* Prepared estimates and tracked each and every task and strictly adhered to the estimated deadlines.
* Extensive knowledge in promoting packages (code) across development, test, preproduction and production environment using tools like Computer Associate Harvest package.
* Extensive knowledge in promoting packages (code) across development, test, preproduction and production.
* Preparation of Test Data/Unit Testing /Integrated testing and generated various test cases.
* Involved in different Team review meetings.
* Worked along with UNIX team for writing UNIX shell scripts to customize the server scheduling jobs.
* Communication with the client for weekly status report.

**Environment:Informatica PowerCenter8.1, SQL server 2005, Autosys, Oracle 10g, PL/SQL, Toad, Business Objects 6.0, Windows NT, UNIX Shell Scripts.**

**CONSECO Financial Services Apr’10-May’ 11**

**ETL Analyst**

**Project Description:** Agent Incentive Management system, Project is about replacing the legacy BLC marketing system, which computes Agent compensations and publish into BSPN portal for down steam systems, was implemented on Mainframes, with new AIM being built using the data integration capabilities of Informatica and compensation computations capabilities of Varicent product, to achieve the accuracy in calculations and to reduce the maintenance.

**Responsibilities:**

* Extensively used ETL to load data from Oracle database, Flat files to Data Warehouse.
* Involved in production support for the data warehouse Informatica jobs.
* Modified the existing mappings and workflows as per requirement changes and migrated them back to production environment.
* Automated Reports and generated documents using Scheduler.
* Created robust and complex workflow and work lets using **Informatica workflow manager** and troubleshoot data load problems.
* Wrote **SQL Queries, Triggers and Shell Scripts** to apply and maintain the Business Rules.
* Translated business requirements into Informatica mappings/workflows
* Used **Source Analyzer and Warehouse designer** to import the source and target database schemas, and the **Mapping Designer** to map the sources to the target.
* Used Informatica Designer to create complex mappings using different transformations like Source Qualifier, Expression, Lookup, Aggregator, and Update Strategy, Joiner, Filter and Router transformations to pipeline data to Data Warehouse/Data Marts.
* Involved in **Performance tuning**. Identified and eliminated bottlenecks (source, target, and mapping).
* Developed Mappings that extract data form ODS to Data mart and Monitored the Daily, Weekly and Monthly Loads.
* Created and monitored Sessions/Batches using Informatica Server Manager/Workflow Monitor to load data into target Oracle database.

**Environment: Informatica Power Center 7.1.2, Oracle 9i, PL/SQL, Toad, OBIEE, DAC, Windows NT, UNIX Shell Scripts.**

**Education:** Bachelors in computer science from Vellore Institute ofTechnology, India.