**kamal p**

**Sr. Informatica Developer**

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**PROFESSIONAL SUMMARY:**

* Over 7 years of experience in Information Technology with a strong background in Database development and Data warehousing.
* Good experience in designing, Implementation of Data warehousing and Business Intelligence solutions using ETL tools like**Informatica Power Center, Informatica Developer (IDQ), Informatica Power Exchange.**
* Knowledge in software development, maintenance, testing and troubleshooting on **Master Data Management (MDM)**, data integration and Oracle database environment.
* Extensive experience in **Extraction, Transformation** and **Loading** of data from different heterogeneous source systems like **Flat files, Excel, XML, Cobol, VSAM, IMS , SAP R3 ,DB2 UDB, Oracle, SQL Server, Teradata.**
* Expertise in about design, architecture and implementation of Informatica **MDM** project.
* Created mappings in mapping Designer to load data from various sources using transformations like Transaction Control, Lookup (Connected and Un-connected), Router, Filter, Expression, Aggregator, Joiner and Update Strategy, SQL, Stored Procedure, Unstructured data transformation, SQL transformation and more.
* Good experience in writing **UNIX shell scripts, SQL scripts** for development, automation of ETL process, error handling and auditing purposes.
* Excellent Knowledge on Slowly Changing Dimensions (**SCD Type1, SCD Type 2, SCD Type 3**), Change Data Capture, Dimensional Data Modeling, Ralph Kimball Approach, **Star/Snowflake** Modeling, Data Marts**, OLAP** and **FACT** and Dimensions tables, Physical and Logical data modeling.
* Technical support for all Guidewire suite Application in production.
* Converted legacy data into guidewire system using XML.
* Performance tuning, Indexing and partitioning techniques on Sources, Targets, Mappings and Workflows in Informatica.
* Experience in developing **Transformations, Mapplets** and **Mappings** in Informatica Designer and creating tasks using Workflow Manager to move data from multiple sources to target.
* Experience working with Informatica Data Quality tool to effectively use address validation transformation for Address doctor implementation.
* Extensive Data modeling (Star schema for data marts) using **ERWIN** Designer.
* Logical and physical model of dimension and fact tables were created using **Erwin.**
* Worked in different phases of the projects involving Requirements Gathering and Analysis, Design, Development, Testing, Deployment and Support.
* Extensive experience integrating standard X12 and HL7 transactions (**834, 837, 835, 820, 270, 271, 276, 277, HL7**) into internal and external systems.
* Good Knowledge on Database architecture of **OLTP** and **OLAP** applications, Data Analysis.
* Worked with wide variety of sources like **Relational Databases, Flat Files, XML files, Mainframes,** Sales force Objects, Unstructured data files and Scheduling tools like CA7, Control-M and Informatica Scheduler.
* Expertise in using **TOAD to run SQL queries.**
* Provides written documentation to appropriate team members and clients, addressing each facet of implementation/support for every project
* Worked with **PMCMD** to interact with Informatica Server from command mode and execute the Shell scripts.
* Experience working with various Informatica concepts like partitioning, Performance tuning, identifying bottlenecks, deployment groups, Informatica scheduler and more.
* Very Strong skills and clear understanding of requisites and solutions to various issues in implementation throughout the Software Development life cycle (SDLC).
* Good exposure in writing **BTEQ scripts** and loading data into **Teradata** using **FASTLOAD, MLOAD and TPUMP utilities.**
* Hands on experience in PL/SQL (**Stored Procedures, Functions, Packages, Triggers, Cursors, Indexes** and Windows **Batch scripting**.
* Expertise in doing Unit Testing, Integration Testing, System Testing and Data Validation for technical and professional client interaction skills, Interacted with both Technical, functional and business audiences across different phases of the project life cycle.
* Experience working in **Agile Methodologies** and ability to manage change effectively.
* Experience working in **Production Support, Support for Emergency** fix and migrating fix from lower environment to higher environment as per the policies.
* Excellent Verbal and Written Communication Skills. Have proven to be highly effective in interfacing across business and technical groups.

**TECHNICAL SKILLS:**

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| **ETL Tools:** | Informatica Power Center 9.1, 8.6.1, 7.9, Power Connect and Power Exchange, Power Mart 6.x/5.1, Power Center Data Analyzer Mart 6.x/5.1, SQL Server 2005 Integration Services (SSIS). |
| **Data modeling Tools:** | Erwin 4.2, Dimensional Data Modeling, Star Schema Modeling, Snow-Flake Modeling, Fact and Dimension Tables. |
| **RDBMS:** | Oracle 10g/9i/8i, SQL Server 2005, Teradata, DB2, SYBASE, Flat files, XML and MQ COBOL Files, Netezza. |
| **Web Technologies:** | HTML, Java, JavaScript, Oracle Map Viewer, JDBC, XML, XHTML. |
| **Programming Languages:** | C, C++, SQL, PL/SQL and Shell Scripting. |
| **Data Warehousing Methodologies:** | Dimensional modeling - Star schema, snow flake schema |
| **Reporting Tools** | Crystal Reports2008/XI R2, OBIEE 10.1.3.x, Siebel Analytics 7.5/7.7/7.8, Oracle BI Services, Oracle CRM on Demand, BI Publisher, I- Bots. |
| **Other Tools & Utilities:** | SQL \* plus, Toad, SQL Server2005 SSIS, Autosys, Microsoft Visio, Clear case, Text Pad |
| **Languages:** | SQL, PL/SQL, TSQL |
| **Scripting Languages:** | Shell Scripting, Perl Scripting |
| **Operating Systems:** | Windows XP/NT, UNIX (Sun Solaris, Linux, HP-UX), AIX |

**PROFESSIONAL WORK EXPERIENCE:**

**Client: CVS Health Care, RI Jun’15 – Till Date**

**Sr. Informatica Developer**

**Responsibilities:**

* Involved in implementing change management process while fixing the existing code to enhance the code or **bug fixing**.
* Prepared **Technical Specification documents** (TSD) for Mappings.
* Troubleshooting the issues in Informatica.
* Good understanding of relational database management systems like **Oracle, PLSQL, and SQL** and extensively worked on Data Integration using Informatica for the Extraction transformation and loading of data from various database source systems.
* Created and Configured **Workflows, Worklets, and Sessions** to transport the data to target using Informatica Workflow Manager.
* Involved in extensive performance tuning by determining bottlenecks at various points like targets, sources, mappings and sessions. This led to better session performance.
* Designed and developed **Mappings and Mapplets** with various transformations such as Connected and Unconnected Lookup, **XML Source Qualifier**, Filter, Joiner, Router, Stored Procedure, Sorter, Expression, Aggregator.
* Expert in server side development using Java Classes, Shell Script, Perl Script and AWK scripts.
* Followed NCPDP rules to adjudicate and process the Medicare prescription drug claims.
* Demonstrated proficiency in understanding the required certificates, licensures and documents required by NCPDP and Pharmacy Benefit Managers due to contract requirements and CMS regulations.
* Worked on Health Insurance exchanges HIX and analyzed the data and worked with EDI NCPDP 5.1 considerations and implemented HIPAA regulations.
* Developed the code for data extraction, data processing and data warehousing.
* Built-in mapping variable / parameters and created parameter files for imparting flexible runs of sessions / mappings based on changing variable values.
* Worked with Guidewire developers and prod support team to understand various functionalities in Guidewire Policy and Billing Center.
* Interact with the Guide wire team to modify the Out of the Box logic based on business needs
* Participate in the development of Guidewire Billing Center, Billing Center-Policy Center User Stories.
* Experience in Workers Compensation and Personal Insurance modules in Guidewire Policy Center.
* Planned and executed **deployments** across all environments.
* Developed **Slowly ChangingDimension** Mappings for Type 1, Type 2 and Type 3.
* Mapplets and Reusable Transformations were used to prevent redundancy of transformation usage and maintainability. Performed ETL configuration and troubleshooting.
* Loaded operational data from Oracle, SQL server, flat files and Excel sheets into various data marts.
* Ability to setup and apply all **facets** of database backup and recovery solution, perform disaster recovery setup, participate in capacity planning and applying all best practice to database access and security.
* Will be supporting a broad range of data integration needs from all **facets** of the business.
* Responsible for working with the Application team to improve business opportunities through leveraging data in our database platform and learning all the **facets** of data warehousing.
* Developed the Dimensional modeling of the Data warehouse and used **ERwin** tool to design the business process.
* Create and maintain process documentation, requirements and test protocols for **EDI** processes.
* Analyze, design, develop, test, troubleshoot, optimize, enhance and maintain **EDI** applications in various formats that include HIPAA standard formats such as **837 and 834, 837, 835, 277CA** and other proprietary formats using **EDI** mapping tools.
* Create and maintain interfaces between applications systems and client EDI transactions.
* Ability to analyze data and develop ad hoc reports on EDI data given various criteria
* Redesigned some of the existing mappings in the system to meet new functionality.
* Used Debugger to fix the defects/ errors and data issues.
* Reviewed ETL code for standards adherence before the migration and tuned mappings and workflows for better performance.
* Migration of the repository objects (workflows) between the folders of different repositories.
* Developed workflow tasks like reusable Email, Event wait, Timer, Command and Decision task.
* Used **UNIX Shell Scripting** to automate the loading process and to generate restart tokens for cold starting the workflows.
* Created and scheduled sessions, jobs based on demand, run on time and run only once using Workflow Manager.
* **Fine-tuned large/complex queries** to improve batch load performances.
* Coordinated with the DBA Teams, Source systems and offshore for different data loads (System test Load, **Integration System Test Load, UAT Load** and Pre production deployment load) and identified the bugs, new requirement changes and Data Quality Issue.
* Move components across various environments like test, UAT, and production environment.
* Prepared Test preparation and execution plans for different entities and executed the testing with team and Involved in Integration testing.

**Environment:** Informatica Power Center 9.1,guide wire, Oracle 11g, SQL Server 2012/2008 R2, Teradata, DB2, XML, MQ Microsoft Excel 2000, PL/SQL, SQL\*Plus, TOAD 6.3.11.1g, Auto Sys, Windows XP Professional, UNIX, Shell Scripting,Awk, NCPDP X12/ 837 Erwin 4.2.

**Client:Blue Cross Blue Shield, Detroit, MI Feb’13 – Jun’15**

**Informatica Developer/Netezza Developer**

**Responsibilities:**

* Responsible for investigation, characterization, and communication of build and release problems; implementing corrective and preventive actions. Resolved the issues BMC Remedy Tickets on Priority basis.
* Created the NZ/SQL Procedures on Netezza using Workbench Aginity.
* Converted Oracle DDL’s to Netezza DDL’s.
* Developed data mapping in Netezza Framework.
* Retrieved error logs on UNIX for Netezza data loads from Oracle to Netezza.
* Worked on the .profile for setting Netezza user privileges.
* Analyzed Change request (CR) as per requests from team track/BMC Remedy.
* Creating SR to **Informatica** Inc- related to any Power center product issues.
* Installing **Informatica** Power center 9.5.1 on IBM-AIX and applying Patches/Hot fixes.
* Performed Upgrading **Informatica** Power center Version 7.X to **Informatica** Power center 8.X.
* As per Change requests (CR) migration of objects in all phases (DEV, QA and PRD) of project and trained developers to maintain system when in production.
* Provides written documentation to appropriate team members and clients, addressing each **facet** of implementation/support for every project.
* Extensive experience integrating standard X12 and HL7 transactions (**834, 837, 835, 820, 270, 271, 276, 277, HL7**) into internal and external systems.
* Experience working on NCPDP, EDI transactions and following norms of HIPAA.
* At the request of end users or management, research questions involving EDI applications and how the data is organized and populated.
* Created numerous materialized views on Oracle.
* Ensures proper configuration of the Power Center Domain components.
* Experience in nodes, Repository services, Integration services and Reporting Services and SAP BW services.
* Created the RPD for OBIEE.
* Worked on creating physical layer, business model, mapping and presentation layer in OBIEE.
* Created source system containers for OBIEE.
* Experience in SQL Server & SSRS Reports Migration from SQL Server 2000 to SQL Server 2005, SQL Server 2008 to SQL Server 20012 and SQL Server 2008 to SQL Server 2012 R2.
* Experience in Create, backup, restore for **Informatica** Repositories.
* Integrated the sales force data into target Oracle using Informatica cloud.
* Validated the sales force target data in force.com application.
* Created Invoices, Cash Receipts, RMA, RMA Start into Sales Force from Oracle EBS.
* This project involved developing a **Data Ware House using Informatica** to transform the **Sales Force Data** that is extracted from the various databases and Flat files. Data Ware House was built in order to provide standardized reporting process for the **Sales force data.**
* Worked with **Business Analyst, DBA for requirements gathering, business analysis,** and build the infrastructure of the data flow.
* Translated **business requirements into enterprise data warehouse architectural design.**
* Created **Logical Data Modeling (Star Schema & Snow flake Schema) and Dimensional Modeling.**
* Created **Mappings** using **Mapping Designer** to load the data from various sources, using different **transformations** like **Unconnected and Connected lookups, Router, Aggregator, Joiner, Stored Procedure, Update Strategy** for Daily Load.
* **Designed and Developed Mappings for implementing CDC** by tracking the changes in critical fields required by the user.
* Creating Sessions, Batches for data loads using **Workflow Manager for Daily load.**
* Worked on **Performance Tuning of various mappings and sessions** to identify and remove Bottle Necks.
* Preparing **ETL mapping Documents for every mapping** and Data **Migration document** for smooth transfer of project from development to testing environment and then to production environment.
* Worked with Tuning **the SQL Statements and Database**.
* Involved in **Unit testing**, User **Acceptance Testing** to check whether the data is loading into target, which was extracted from different source systems according to the user requirements.
* Maintaining issue log of the issues during the UAT phase for future reference.
* Involved in Migration of project from Development to Test environment   and then to Production environment.
* Actively involved in the production support and also transferred knowledge to the other team members.

**Environment:** Informatica Power Center 9.5.1 HF3/9.1.0 HF1, Oracle 11g, Netezza, SQL Server 2012/2008 R2, SalesForce.com, Sybase, Teradata, DB2, XML, MQ Microsoft Excel 2000, PL/SQL, SQL\*Plus, TOAD 6.3.11.1g, AutoSys, Workbench Aginity, Windows XP Professional, UNIX, Shell Scripting, Erwin 4.2.

**Client: Wright Medical, Dallas, TXApr‘11 – Jan ‘13**

**Informatica Developer**

**Responsibilities:**

* Created the Detail Design Documents which have the ETL technical specifications for the given functionality, overall process flow for each particular process, Flow diagrams, Mapping spreadsheets, issues, assumptions, configurations, Informatica code details, shell scripts etc. and conducted meetings with the clients for the approval of the process.
* Familiarity with **Facets** and its Data Model is a good to have skill.
* Perform complex testing with **EDI X12** ((**274, 278, 834, 837**) /JSON/XML API transactions
* Developed **ETL mappings**, transformations using Informatica Power Center.
* Developed mappings using various transformations like update strategy, lookup, stored procedure, Router, Filter, sequence generator, joiner, aggregate transformation and expression.
* Implemented Slowly Changing Dimensions - Type I & II in different mappings as per the requirements.
* Created **Mapping Parameters, Session parameters**, Mapping Variables and Session Variables.
* Involved into source code review, the mappings created by my team members.
* Prepared **deployment document** and assisted to deployment team while migration.
* Involved in creating test scripts.
* Involved in performance tuning by optimizing the sources, targets, mappings and sessions.
* Mappings were designed to cater the slowly changing dimensions.
* Developed several reusable transformations and mapplets that were used in other mappings.
* Tested the Informatica mappings with **manual testing** and assisted QA team.
* Created Stored Procedures, **Functions, Views, Cursors, Packages**, Exceptions, Joins and Sub Queries.
* Worked on **Macros** to generate reports and created Informatica application connections to call various utilities.
* Created and maintained the Shell Scripts and Parameter files in UNIX for the proper execution of Informatica workflows in different environments.
* Involved in Oracle database Maintenance and developing queries.
* Implemented External Tables to access data that is stored outside the database in flat files.
* Developed and implemented Automations to fix recurring Data Fixes till the code fix has been deployed to PROD.
* Used **SQL\*Loader** to load the data from the flat files to tables.
* Worked on performance tuning of the SQL queries to improve data conversion process.
* Assigning tasks to team members and helping them to work on assigned tasks.
* Involved to prepare deployment documents and supported deployment team to deploy the tasks in **QA/ UAT/ PROD.**
* Involved in the code review.

**Environment:** Informatica Powercenter 8.6.1, Cloud, Oracle 11g, SQL Server 2014/2012/2008 R2, SSIS, SSRS, Oracle SQL\* LOADER, Flat Files, UNIX Shell Scripting, TOAD Informatica 9, OBIEE, Business Objects.

**Client: Persistent, Hyderabad, India. Jan ‘10– Mar ‘11**

**Jr. Informatica Developer**

**Responsibilities:**

* Involved in the Data Warehouse modeling based on the client requirement.
* Study and analyze mapping document, the required source tables, data types, required transformations based on Business requirements and Technical specifications.
* Using Informatica Power Center, extracting data from SQL Server, XML files and Flat Files.
* Developed complex mappings in Informatica to load the data from various sources using different transformations like Source Qualifier, Look up (connected and unconnected), Expression, Aggregate, Update Strategy, Sequence Generator, Joiner, Filter, Update Strategy Rank and Router transformations.
* Used **SQL over rides** in Source Qualifier and Lookups to improve mapping performance.
* Developing Reusable Transformations, Aggregations and created Target Mappings that contain business rules.
* Extensively worked with various Passive transformations in Informatica Power Center like Expression Transformation, Sequence Generator, and Lookup Transformation.
* Worked with various active transformations in Informatica Power Center like Filter Transformation, Aggregator Transformation, Joiner Transformation, Rank Transformation, Router Transformation, Sorter Transformation, Source Qualifier, and Update Strategy Transformation.
* Created and **Configured Workflows, Work lets and Sessions** to transport the data to target warehouse Oracle tables using Informatica Workflow Manager.
* Created Connected and Unconnected lookup transformation for better performance of the mappings and sessions.
* Developed simple & complex mappings using Informatica to load **Dimension & Fact tables** as per STAR Schema techniques.
* Optimized the performance of the mappings by various tests on sources, targets and transformations.
* Created **Materialized views** for summary tables for better query performance.
* Developed PL/SQL stored procedures and UNIX shell scripts for pre and post session commands, batch jobs.
* Providing extensive changes as a part of **User acceptance testing and deployment** of mappings at client place.
* Performed extensive testing on the mappings and wrote queries in SQL to check if the data was loading to the dimension tables and fact tables properly.

**Environment:** Informatica Power Center 7.9, Oracle 9i, DB2, Teradata, Microsoft Excel 2000, SQL Server2005, XML, PL/SQL, SQL\*Plus, TOAD 6.3.11.1g, Windows XP Professional, UNIX, Perl Scripting, Erwin 4.2.

**EDUCATION:**

* Bachelor of Technology, Jawaharlal Nehru Technological University, Hyderabad, India.