**Bharath Yadagiri**

**Sr. Informatica Developer**

**Summary:**

* 7+ years of total experience in information technology including Data Modeling, Database Design, Programming, Development and Implementation using Informatica Power Center.
* In-depth knowledge and understanding of concepts of Data warehouse, Business Intelligence, OLTP, OLAP,Star/Snowflake Schemas and Data Modeling (Physical/Logical/ER-Diagrams) etc.
* Experience in all phases of data warehouse development viz. Requirements analysis, application design, development (including ETL and database), code migration, testing, and implementation in Production environment, Production support and on call support for night jobs and weekend support.
* Expertise in T-SQL programming, depth experience on database design, programming (Stored Procedures, Functions, Triggers, Views using T-SQL, PL/SQL)
* Experience on providing Logging, Error handling by using Event Handler, and Custom Logging for SSIS Packages.
* Expertise in ETL development using Informatica PowerCenter (transformations, mappings, mapplets, sessions, workflows etc.), Informatica and Repository servers' installation and administration (installation and configuration of Power center, repository servers, creation of repositories, maintenance and troubleshooting).
* Experience with Medicare, Medicaid, Medigap and commercial insurances in HIPAA ANSI X12 4010, 5010 formats including 270/271, 276,/277, 834, 835, 837, 999, NPI, ICD 9,ICD 10, NDC, DRG, CPT, NCPDP codes and NSF formats for interfaces and images to clearinghouses/ trading partners applications.
* Experience in working with versioned repositories (Team-based Development enabled).
* Experience in performance tuning of Informatica ETL mappings, sessions, workflows and SQL stored procedures.
* Hands on experience with Informatica Data Quality tools for Data Analysis / Data Profiling Developer.
* Experience in Writing Stored procedures, Functions, Triggers using T-SQL
* Understanding of the SFDC data model, building custom object from schema builder and managing field records, creating master-detail and lookup relationships according to the functional requirement.
* Experienced in RDBMS' such as Oracle 12c, 11g, 10g, 9i, Teradata 15/13, V2R6, V2R5.
* Experienced in loading from/to flat files (fixed-width, delimited) and XML files.
* Expertise in Developing and Tuning T-SQL, PL/SQL Complex Queries, Stored Procedures, UDF’S, triggers, views, Indexed views and error handling using Try-Catch blocks
* Experienced in Teradata utilities such as BTEQ, MultiLoad and FastLoad.
* Experienced in query/scripting languages such as SQL, PL/SQL, UNIX Shell scripting.
* Experienced in tools like Erwin, SQL\*Plus, TOAD.
* Hands on experience in installing, configuring and using ecosystem components like HadoopMapReduce, YARN, HDFS, Pig, Hive, HBase, Sqoop, Zookeeper, Oozie, Avro, Spark with good knowledge on infrastructure, data management and job mechanics.
* Strong hands on experience usingTeradata utilities (SQL, B-TEQ, Fast Load, Multi Load, Fast Export, Tpump, Visual Explain, Query man), Teradata parallel support and Unix Shell scripting.
* Experienced in data extraction and loading from/into flat files, Oracle and Teradata tables.
* Worked on projects, which involved tight deadlines, big development teams and direct interaction with client/ end-users.
* Knowledge about the Facets, EDI and ITS.
* Detailed knowledge and experience on SFDC CRM business processes for automation, Sales Cloud, Service Cloud, chatter and App-exchange.
* Loading data from various data sources and legacy systems into Teradata production and development warehouse using BTEQ and Informatica.
* Strong focus on quality and adherence to timelines of deliverables.
* Expertise in EDI transactions used in healthcare industry and good knowledge of HIPAA X12.
* Strong analytical and problem-solving skills coupled with excellent written, verbal and inter-personnel communication skills, strong team player with an innate ability to take on new roles.
* Excellent Communication skills in interacting with various people of different levels on all projects and also playing an active role in Business Analysis.

**TECHNICAL SKILLS:**

Operating Systems: Windows, Linux, HP-UX

Software / Applications: MS XP, MS 2000, MS Word, MS Excel, MS Access, Outlook, PowerPoint

Database: SQL Server 2016/2014/2012/2008R2, Oracle 12c/11g/10g/9i

ETL: Informatica Power Center 7.5/8.6.1/9.1/9.6/10.1, Informatica Power Exchange.

Modeling: Framework Manager, PowerPlay Transformer

OLAP/BI Tools: Cognos Series

Languages: Java, HTML, XML, SQL, PL/SQL.

Web/Apps Servers: IBM Web Sphere 4x, Sun iPlanet Server 6.0, IIS, Tomcat

Tools: TOAD, Visio, Eclipse,HIPAA 4010/5010, FACETS 4.71, EDI 837, 835, 834, ICD 9 CM ICD 10 CM.

Big Data Technologies Hadoop, HDFS, Map Reduce, Hive, Pig, HBase, Sqoop, Oozie

**Professional Experience:**

**CareFirst Baltimore, MD Nov 2015– Till DateSr. Informatica Developer**

**Responsibilities:**

* Designed complex ETL mappings.
* Designed and developed an entire Data Mart from scratch.
* Advanced level creation of Databases, Tables, Stored Procedure, DDL/DML Triggers, Views, and User defined data types, Cursors and Indexes using T-SQL.
* Designed, developed and automated the Monthly and Weekly refresh of the datamart.
* Developed Informatica mappings, transformation, reusable objects by using mapping designer, and transformation developer and Mapplet designer in Informatica PowerCenter.
* Created reusable transformations and Mapplets and used them in mappings.
* Used Informatica PowerCenter for extraction, loading and transformation (ETL) of data in the data warehouse.
* Created checks and constraints to maintain data integrity.
* Involved in database development and creating SQL scripts. Wrote complex T-SQL queries to support business needs.
* Working experience with Column store indexes, table partitioning in SQL SERVER 2012.
* Working experience with in-memory concepts of OLTP databases in SQL SERVER 2014.
* Performance Tuning of multiple databases by fixing indexes, table partitioning, usage of temp tables, cte’s, redesigning schemas and many more.
* Requirements and design solution by customizing various standard objects of SalesForce.com (SFDC).
* Experience in working with big data Hadoop stack tools like HDFS, HIVE, Pig, Sqoop.
* Provided production support for the Executive Management Information System (EMIS), a web reporting portal to informatica and teradata data sources
* Involved in analyzing different modules of facets system and EDI interfaces to understand the source system and source data.
* Purveyor of competitive intelligence and holistic, timely analyses of Big Data made possible by the successful.
* Systems, data modeling, and big data systems, Tera Data
* Migration of informatica jobs to Hadoop sqoop jobs and load into oracle database.
* Developed tools to automate base tasks using Python, Shell scripting and XML.
* Worked with Informatica Data Quality for data cleansing, data matching and data conversion
* Cleanse and Scrub the Data in uniform data type and format applying MDM Informatica and IDQ tools and Load to STAGE and HUB tables and then to the EDW and Finally to Dimension and rollup/aggregate the data by the business grains into the FACT tables.
* Understand the data quality rules defined by the business/functional teams and propose the optimization of these rules if applicable, then design and develop these rules with IDQ, including thorough unit test planning and performing. Strong experience in Data Warehousing and ETL using Informatica Power Center 9.6.
* Ran cron jobs to delete hadoop logs/local old job files/cluster temp files, Setup Hive with MySql as a Remote Metastore.
* Worked on optimizing and tuning theTeradataviews andSQL’sto improve the performance of batch and response time of data for users.
* Estimates and planning of development work using Agile Software Development.
* Followed Informatica recommendations, methodologies and best practices.
* Implemented Event Handlers and Error Handling in SSIS packages and notified process results to various user communities.
* Extracted data from flat files and oracle database, applied business logic to load them in to Teradata ware house.
* Developed tools to automate base tasks using Python, Shell scripting and XML.
* Good experience on Agile Methodology and the scrum process.
* Applied Agile methodology throughout the development life cycle of application.
* Involved in gathering and analyzing the requirements and preparing business rules.
* Designed and developed complex mappings by using Lookup, Expression, Update, Sequence generator, Aggregator, Router, Stored Procedure, etc., transformations to implement complex logics while coding a mapping.
* Integrated Hadoop into traditional ETL, accelerating the extraction, transformation, and loading of massive structured and unstructured data.
* Used Teradata Data Moverto copy data and objects such as tables and statistics from one system to another.
* UsedTeradata Data Moverfor overall data management capabilities for copying indexes, global temporary tables.
* Created Global and volatile temporary tables to load large volumes of data into teradata database.
* Worked with Informatica power center Designer, Workflow Manager, Workflow Monitor and Repository Manager.
* Created a cleanup process for removing all the Intermediate temp files that were used prior to theloading process. Streamlined the Teradata scriptsand shell scripts migration process on the UNIX box.
* DevelopedUNIX shell scriptsto run batch jobs in production.
* Migration of Informatica jobs to Hadoop Sqoop jobs and load into oracle database.
* Responsible for working with the State to review and modify process flows to increase productivity and effectively utilize FACETS features not provided by the legacy systems.
* Developed and maintained ETL (Extract, Transformation and Loading) mappings to extract the data from multiple source systems like Oracle, SQL server and Flat files and loaded into Oracle.
* Developed Informatica Workflows and sessions associated with the mappings using Workflow Manager.
* Design, document and configure the Informatica MDM Hub to support loading, matching, merging, and publication of MDM data.
* Created Informatica Mapping designs to map the Production system to the designed star schema model Schedule the mappings and populate the warehouse system.
* Designed and developed complex aggregate, join, lookup transformations to generate consolidated data identified by dimensions using Informatica tool.
* Worked closely with Facets 4.48, 4.51 and different EDI transaction file like837,834, 835, 270, 271 to understand the source structure and the source data pattern.
* Worked with Informatica Data Quality 9.6.1 (IDQ) toolkit, Analysis, data cleansing, data matching, data conversion, exception handling, and reporting and monitoring capabilities using IDQ 9.6.1.

**Environment:**Informatica 9.6/10.1, Oracle 12c/11g, SQL server 2016/2014, SQL,IDQ 9.6.1, IDQ Analyst, CC360, IDQ, Facets, T-SQL, Teradata V12, PL/SQL, Python, Hadoop, SFDC Objects, Facets4.81, Facets interfaces (IFOX), Facets extensions, Toad 10.6, EDI X12N 5010, EDI X12N 4010, SQL Loader, SSIS,SSRS, Tidal Enterprise Scheduler 5.3.1, Unix, Flat files.

**LA Health Care, Los Angeles, CA May 2013 – Oct 2015**

**Sr. Informatica developer**

**Responsibilities:**

* Involved in translating business requirements to integrate into existing data mart design.
* Created complex mappings to read multiple sources and write to multiple targets.
* Created/Updated Stored Procedures, Triggers, Functions, Views, and Indexes with extensive use of T-SQL.
* Extensively used the transformations Sequence Generator, Expression, Filter, Router, Sorter, Rank, Aggregator, LOOK UP (Static and Dynamic), Update Strategy, Source Qualifier, Joiner, Normalizer.
* Developed Bourne Shell Scripts for Daily, Weekly and Monthly Jobs which are used for Downloading/Placing Source and Target Files to/From Different Servers.
* Responsible for tuning T-SQL procedures, triggers and other database objects
* Responsible for creating and maintaining Informatics processes, mentoring junior Informatica developers, managing data warehouse schemas, assisting with SQL tuning techniques, creating views, tables, snapshots to assist report teams.
* Hands on experience in installing, configuring and using Hadoop on Amazon Web Services. Experience in DynamoDB, EMR, RDS and QuickSight
* Worked on Stored Procedures in fixing the bugs, modifying the PL/SQL code for Small Enhancements.
* Worked on the teradata stored procedures and functions to confirm the data and have load it on the table
* Worked on deploying Hadoop 2.7.2 cluster with multiple nodes and different big data analytic tools including Pig 0.16, Hbase 0.98.23 database and Sqoop HDP2.3.x. .
* Involved in testing HIPAA EDI Transactions and mainly focused on PA and Eligibility Transactions. Transactions focused on were 270,271, 834, 835, and 837.
* Used SQL Profiler for troubleshooting, Monitoring, Optimizing SQL Server and T-SQL statements from developers and testers.
* Done Query optimization explain plans, collect statistics, Primary and Secondary Indexes Used volatile table and derived queries for breaking up complex queries into simpler queries. Streamlined the Teradata scripts and shell scripts migration process on the UNIX box.
* Expert in designing reports using SQL Server Reporting Servicesbased on OLAP cubes
* Experience on building SSIS packages (.dtsx) involving ETL process, extracting data from various flat files, Excel files, legacy systems and loading into SQL server.
* Worked on FACETS Data tables and created audit reports using queries. Manually loaded data in FACETS and have good knowledge on FACETS business rules.
* Identified and eliminated duplicates in datasets thorough IDQ components
* Worked on the Reports module of the project as a developer on MS SQL Server 2005 (using SSRS, T-SQL, scripts, stored procedures and views).
* Integrated Informatica Data Quality with Informatica PowerCenter and Created POC data quality mappings in Informatica Data Quality tool and imported them into Informatica power center as mappings, mapplets
* Independently coded new programs and designed Tables to load and test the program effectively for the given POC's using with Big Data/Hadoop.
* Experience in Installing Informatica MDM HUB server/Cleanse Server.
* Configure MDM tables in the following sequence: Base Objects, Relationships Base Objects, and Defined and developed the ETL process to load the data into the landing tables during the land process.
* UsedSQL Assistantto querying Teradata tables.
* Involved inAnalyzing / buildingTeradata EDWusingTeradata ETL utilitiesandInformatica.
* Involved in debugging Informatica mappings, testing of Stored Procedures and Functions, Performance and Unit testing of Informatica Sessions, Batches and Target Data.
* Involved in Performance Tuning of mappings in Informatica.
* Used DTS/SSIS and T-SQL stored procedures to transfer data from OLTP databases to staging area and finally transfer into data marts and performed action in XM
* Managed multiple tasks and responsibilities in high-pressure implementations.
* Worked on Teradata Multi-Load, Teradata Fast-Load utility to load data from Oracle and SQL Server to Teradata.
* Migrated mappings, workflows from one environment to another environment.
* Coordinated cross-functional team efforts in meeting and exceeding goals.
* Experience in working on change requests which includes creating changes (Data Repair, Low Impact, Major and Minor Change requests), implementing the Changes.
* Extensively used Informatica to load data from Sequel Server and flat files into staging area.
* As part of optimization and reviewable process, performed design changes and changes in Informatica mappings, transformations, sessions. Involved in development of complex mappings.
* Wrote T-SQL statements for retrieval of data and Involved in performance tuning of T-SQL.
* Worked in all environments of SDLC and Submitted SOX Evidences for Various Changes implemented.
* Worked Extensively on Creating and implementing Changes into Production
* Created Stored Procedures to transform the Data and worked extensively in T-SQL for various needs of the transformations while loading the data
* Designed and developed various mappings for extracting data from various sources like Oracle, SQL Server and Flat files.

**Environment:** Informatica 9.1, Oracle 11g, SQL server 2008 R2, SQL, IDQ, Hadoop, T-SQL, PL/SQL, SSIS, SSRS, Facets 4.6.1, Toad 10.6, SQL Loader, Python, EDIfecs, Tidal Enterprise Scheduler 5.3.1, Unix, Flat files.

**Molina health care, Long Beach California Oct 2012 – May 2013**

**Informatica Developer**

**Responsibilities:**

* Developed complex mappings in Informatica to load the data from various sources.
* Implemented performance tuning logic on targets, sources, mappings, sessions to provide maximum efficiency and performance.
* Worked with T-SQL to create Tables, Views, and triggers and stored Procedures.
* Wrote stored procedures and User Defined Scalar Functions (UDFs) to be used in the packages and SQL scripts.
* Parameterized the mappings and increased the re-usability.
* Used T-SQL to create various queries of employee data, new hire applicants, promotion, demotion, leave or absence, payroll data.
* Used Informatica Power Center Workflow manager to create sessions, workflows and batches to run with the logic embedded in the mappings.
* Created procedures to truncate data in the target before the session run.
* Extensively used Toad utility for executing SQL scripts and worked on SQL for enhancing the performance of the conversion mapping.
* Involved in performance tuning and monitoring of T-SQL blocks.
* Used the PL/SQL procedures for Informatica mappings for truncating the data in target tables at run time.
* Configured and maintained of Facets and other application software products, such as Claim check, Facets
* Conducted extensive analysis on migration and conversion of Provider and Member data, Group configurations, plan codes, benefit set-ups, fee schedules, provider pricing, capitation set-ups, etc from Legacy system (Amysis) to FACETS (Client Server based system).
* Extensively used Informatica debugger to figure out the problems in mapping. Also involved in troubleshooting existing ETL bugs.
* Tuned the performance of mappings by following Informatica best practices and also applied several methods to get best performance by decreasing the run time of workflows.
* Prepared SQL Queries to validate the data in both source and target databases.
* Worked on TOAD and Oracle SQL Developer to develop queries and create procedures and packages in Oracle.
* Worked extensively on PL/SQL as part of the process to develop several scripts to handle different scenarios.
* Created T- SQL queries for data retrieval.
* Created Test cases for the mappings developed and then created integration Testing Document.
* Prepared the error handling document to maintain the error handling process.
* Automated the Informatica jobs using UNIX shell scripting.

**Environment:** Informatica Power Center 8.6, Oracle 10g/ 9i, MS-SQL Server, Facets 4.61, Toad, HP Quality Center, Windows XP and MS Office Suite

**CVS, WoonSocket, RI April 2011 – Oct 2012**

**INFORMATICA Developer**

**Responsibilities:**

* Worked on Informatica Analyst Tool IDQ, to get score cards reports for data issues. Extensively worked on Performance Tuning of ETL Procedures and processes.
* 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, Sequence Generator, Lookup, Joiner and Stored procedure transformations.
* Developed several IDQ complex mappings in Informatica a variety of Power Center, transformations, Mapping Parameters, Mapping Variables, Mapplets & Parameter files in Mapping Designer using Informatica Power Center.
* Performed data profiling to understand the data pattern using Informatica.
* Performed the data profiling and analysis making use of Informatica Data Quality 8.6.1.
* Writing T-SQL scripts, dynamic SQL, complex stored procedures, functions, triggers and SQLCMD.
* Imported the address standardized mappings into Informatica Designer as a Mapplets. Used Informatica Workflow Manager and server to read data from sources to write to target databases, manage sessions/tasks and to monitor server.
* Experienced in performance tuning in Informatica.
* Perform detailed analysis of business and technical requirements and designed the solution by customizing various standard objects of SalesForce.com (SFDC) and using other Platform based technologies like Visual force and Force.com API
* Test plans like System and User Acceptance were also developed
* Wrote many stored procedures for cleaning, manipulating and processing data between the databases.
* Extensively used Joins and Common Table Expressions to simplify complex queries involving multiple tables
* Supported team in resolving SQL Reporting services and T-SQL related issues and Proficiency in creating different types of reports such as Cross-Tab, Conditional, Drill-down, Sub reports, and formatting them.
* Created different Power Pivot reports as per the client requirement.
* Worked on Filtered Views, views and Base table integration between different Source systems.
* Used Visual Studio 2008 as Source Control, to maintain drop location to test, all docs and scripts.

**Environment:** Informatica 7.5, Oracle 9i, SQL server 2008 R2, SQL, T-SQL, PL/SQL, Toad, SQL Loader, Tidal Enterprise Scheduler 5.3.1, Unix, Flat files.

**HDFC Bank, Hyderabad, India**

**ETL developer May 2010 – Mar 2011**

**Responsibilities:**

* Involved in creating new table structures and modifying existing tables and fit into the existing Data Model.
* Extracted data from different databases like Oracle and external source systems like flat files using ETL tool.
* Maintained the production, test and development databases, tuned the database by improving relations, integrity constraints and written t-SQL procedures for transactions, created indexes for performance tuning.
* Extracted data from different sources like DB2, Oracle, MS Access, Flat files and loaded into Teradata database.
* Worked as first on call Production Support for Existing Applications.
* Worked in Scheduling daily, weekly and Monthly jobs using Control M to extract information from multiple data sources and provide Target Files to Business Users.
* Conducting In-house training for data processing in the team and KA (knowledge associates) about change data capture.
* Created DTS Packages and T-SQL Stored Procedures for the ETL Process.
* Generated periodic reports based on the statistical analysis of the data from various time frame and division using Power Pivot, Power Query, Power View &Power BI, SSIS(ETL), SSAS(OLAP), SSRS(Reporting), Share point Power BI, HDInsight
* Designed, developed and automated the Monthly and Weekly refresh of the datamart.
* transfer of project from development to **testing environment** and then to **production environment**.
* Performed Unit testing and System testing to validate data loads in the target.

**Environment:** Oracle, SQL server 2008 R2, SQL, T-SQL, PL/SQL, Toad 10.6, SQL Loader, Tidal Enterprise Scheduler, Unix, Flat files.