**Name: Kartheek**

**Informatica Developer**

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**Summary:**

* 8+ years of Progressive experience in System Analysis & Design, Development, Testing, Integration, and Production Support using ETL tool INFORMATICA for Data warehousing on Client Server and Web-Enabled applications.
* Extensive experience in Data warehousing, Data Architecture & Extraction, Transformation and Power Center.
* 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.
* Experienced in installing, configuring Hadoop cluster of major Hadoop distributions.
* Involved in all aspects SDLC of ETL including requirement gathering, data cleaning, data load strategies, mappings design & development, providing standard interfaces for various operational sources, unit/ integration/regression testing.
* Extensive success in translating business requirements and user expectations into detailed specifications employing Unified Modelling Language (UML).
* Strong Knowledge of Hadoop and Hive and Hive's analytical functions.
* Performed Gap Analysis to check the compatibility of the existing system infrastructure with the new business requirements.
* Experience in Integrating Guidewire ClaimCenter, PolicyCenter with External Systems.
* Guidewire Configuration using Studio, GScript/GOSU.
* Benefit and enrollment specialist .
* Worked on several python packages like numpy, scipy, pytables etc..
* Strong business analysis skills and an understanding of the software development life cycle (SDLC).
* IT experience in different tools and technologies like Informatica, Teradata, UNIX, Oracle and PL SQL.
* Excellent experience in designing, modelling, performance tuning and analysis, implementing processes using ETL tool Informatica Power center for Data Extraction, transformation and loading processes.
* Good knowledge on Hadoop Cluster architecture and monitoring the cluster.
* Designing end to end ETL processes to support reporting requirements. Designing aggregates, summary tables and materialized views for reporting.
* Expertise in using heterogeneous source systems like Flat files (Fixed width & Delimited), XML Files, CSV files, IBM DB2, Excel, Oracle, Sybase and SQL.
* Proficient in designing & developing complex mappings from varied transformation logic like
* Unconnected and Connected lookups, Router, Filter, Expression, Aggregator, Joiner, Update Strategy etc.
* Hands on experience in TriZetto Facets 4.71 and 5.10 Membership and Plan/Product business modules.
* Hands on experience on Facets Database schema, Batch process, Enrollment flow using MEET.
* Worked on Repository Manager, Workflow Manager, Workflow Monitor and Designer to develop
* Mappings, Mapplets, Reusable Transformations, Tasks, Workflows, Worklets to extract, transform and load data.
* Strong experience in client requirement analysis, physical, logical design development, resource planning, coding, debugging, testing, deployment, support and maintenance of business intelligence applications.
* Expertise in broad range of technologies, including business process tools such as Microsoft Project, Pro model, MS Excel, MS Access, MS Visio, technical assessment tools and Data Warehousing concepts.
* With a short learning curve and strong communication skills.
* Expertise in Logical Modelling, Physical Modelling, Dimensional Modelling, Star and Snow-Flake schema
* Used of Business Object to provide performance management, planning, reporting, query and analysis, and enterprise information management.
* Performing good coding practices, like naming conventions, code description, documentation and version control, and participated in different development and operation activities such as code review, pair testing, off-shore coordination and on-call support.
* Familiar with Agile project management, exposed to corporation IT environments and communicating with professional manners.

**Technical Skills:**

**Data Warehousing/ETL Tools**

Informatica PowerCenter 9.x/8.x/7.x/6.x (Source Analyzer, Data Warehousing Designer, Mapping Designer, Mapplet, Transformation, Sessions, Workflow Manager-Workflow, Task, Commands, Worklet, Transactional Control, Constraint Based Loading, IDQ, SCD I, II,Data Flux, Datamart, OLAP, ROLAP, MOLAP, OLTP.

**Database Design Tools and Data Modeling**: Star Schema/Snowflake Schema modeling, FACT and Dimensions tables, Physical and logical data modeling and De-normalization techniques, RDBMS, OLTP, OLAP

**Package**: MS Office, Microsoft Office SharePoint Server (MOSS) 2007, Microsoft Performance Point Server 2007

**Tools and Utilities:** SQL Server Management Studio, SQL Server Enterprise Manager, SQL Server Profiler, Import & Export Wizard, Visual Studio, Microsoft Management Console, Visual Source Safe 6.0, DTS, Big Data Hadoop, Business Intelligence Development Studio (BIDS), Crystal Reports, Power Pivot, Microsoft Office, ALM

**Operating Systems**: Windows NT & Windows 9x, MS-DOS

**Work Experience**

**SrInformatica Developer**

**Sherwin Williams, Cleveland, OH Oct’ 2015 to till Date**

**Responsibilities:**

* Interacted with business users for requirement analysis and to define business and functional specifications.
* Prepared and documented user requirements in low level and high level design format, translated requirements into system solutions and developed implementation plan and schedule.
* Involved in warehouse architecture design to populate data from various sources to Teradata health care logical model.
* Assist in Proof of Concept testing within Facets.
* Claims testing for Medicare and Commercial lines of business for both Facets and Legacy processing systems.
* Worked with technical and business leads during Guidewire ClaimCenter implementation.
* Utilize the guidelines and artifacts of the Agile Methodology to develop a detailed implementation process Guidewire ClaimCenter Integration during different iterations and phases in Software Development Life Cycle (SDLC)
* Developed Complex transformations, Mapplets using Informatica Power Center 8.6.1/9.1.0 to Extract, Transform and load data into Datamarts, Enterprise Data warehouse (EDW) and Operational data store (ODS).
* Excellent command of software development life cycle activities including analysis, design, development, unit and system testing and production deployment.
* Experience in running core Facets batch jobs using Autosys and Control-M.
* Technical support for all Guidewire suite Application in production.
* Performed manual testing of 834 Enrollment EDI X12 files in FACETS.
* Managed the Metadata associated with the ETL processes used to populate the data warehouse.
* Involved in managing and reviewing Hadoop log files and uploading the final results and written queries to analyze them.
* Implemented Aggregate, Filter, Join, Expression, Lookup and Update Strategy transformations.
* Used debugger to test the mapping and fixed the bugs.
* Implemented change data capture (CDC) using informatica power exchange to load data from clarity DB to Teradata warehouse.
* Developed multiples data marts using teradata for meeting the reporting requirements.
* Developed process for Teradata using shell scripting and RDBMS utilities such as MLoad, Fast Load(Teradata).
* Created sessions, sequential and concurrent batches for proper execution of mappings using server manager.
* Migrated development mappings as well as hot fixes them in production environment.
* Tuned performance of Informatica session for large data files by increasing block size, data cache size, sequence buffer length and target based commit interval.
* Organized data in the report Inserting Filters, Sorting, Ranking and highlighting data.
* Worked with Informatica Data Quality 9.1 (IDQ) toolkit, Analysis, data cleansing, data matching, data conversion, exception handling, and reporting and monitoring capabilities of IDQ 9.1.
* Created IDQ data profile and score cards for the research users to analyze the patient trends.
* Performed Code review to ensure that ETL development was done according to the company's ETL standard and that ETL best practices were followed.
* Created Workflows with worklets, event wait, decision box, and email and command tasks using Workflow Manager and monitored them in Workflow Monitor.
* Created Pre/Post Session/SQL commands in sessions and mappings on the target instance.
* Created and executed complex SQL queries and PL/SQL stored procedures for the initial bulk loads.
* Designed Automation process for daily/weekly ETL routine.
* Worked on ETL strategy to store data validation rules, error handling methods to handle both expected and non expected errors and documented it carefully.
* Responsible for migrating Informatica code across different environments (Dev, Test, QA, PROD).
* Written scripts in Unix to read, update data in the target DB.
* Maintained warehouse metadata, naming standards and warehouse standards for future application development.
* Conformed to project standards for Unit test/UAT testing. Carried out end - to end testing and supported UAT effort with immediate requirement document change/fixes/resolution for all changes/defects.
* Involved in database size estimation and in allocating the required SAN space across different layers.
* Involved in managing and reviewing Hadoop log files and uploading the final results and written queries to analyze them.
* Created ETL design documents and flow diagrams.
* Tested the Claims, Members, subscriber and Providers in Facets.
* Experience in HIPAA 5010 EDI transaction codes such as 270/271(inquire/response health care benefits), 276/277(Claim status), 834(Benefit enrolment), 835(Payment, 837(Health care claim).
* Performed Backend Testing by writing SQL statements to review the returned data to ensure that the correct data was retrieved..
* Maintain the daily ETL schedule and recover the daily failures and generate the daily reports for users.

**Environment**: Informatica Power Center 9.5, Oracle 11g, SQL Server 2012,Hadoop, Guidewire Studio, Flat files, MYSQL, TOAD, SQL Plus, DB2, Windows.

**Sr. Informatica Developer**

**C&S Wholesale Grocers, New Hampshire Nov’ 2014 to Sep’ 2015**

**Responsibilities:**

* Strong HIPAA EDI 4010 and 5010 with ICD-9 and ICD-10, analysis & compliance experience from, Healthcare payers, providers and exchanges perspective, with primary focus on Coordination of benefits
* Involved in implementing the Land Process of loading the customer Data Set into Informatica MDM from various source systems .
* Involved in designing, coding, testing, and implementing integration programs that will integrate Guidewire software.
* Developed scripts and batch jobs to schedule various Hadoop Programs.
* Enrollment and Maintenance EDI data from employer groups to various health insurance payer .
* Working closely with the client on planning and brainstorming to migrate the current RDBMS to Hadoop.
* Migration of informatica jobs to Hadoop sqoop jobs and load into oracle database.
* Used Informatica Power Exchange for loading/retrieving data from mainframe system.
* Change Data Capture has done using the Power Exchange.
* Worked on Informatica Cloud to design mappings, Data synchronization, Data Replication tasks and configure connections.
* Worked on Informatica cloud to replicate Salesforce and SAP data with on premise Oracle and SQL Server database.
* Worked on data cleansing using the cleanse functions in Informatica MDM
* Wrote numerous BTEQ scripts to run complex queries on the Teradata database.
* Support the Informatica Grid environments .
* Developed scripts and batch jobs to schedule various Hadoop Programs.
* Performed relational data modeling (Logical & Physical) and dimension data modeling. Explored No SQL Databases such as MangoDB & TALEND.
* Converted legacy data into guidewire system using XML.
* Involved in implementing the Land Process of loading the customer/product Data Set into Informatica MDM from various source systems.
* Creating a test data in Facets PPMO 5 based on the business requirements.
* Generating the Letter request in Facets.
* Creating and Binding fields with the Splunk MetaData with the help of Regular Expression
* Involved in scheduling the workflows through Autosys Job scheduler using UNIX scripts
* Create, review and edit daily 834 files and ensure that coverage level and plan
* Ensure compliance issues are checked using E-file manager and SEF Application
* Performed Level 2 testing, regression test and any other test necessary
* Perfect understanding of rendering provider loop and 837 data element errors
* Perfect knowledge of insurance file segments
* Designed the team's 837 tracking metrics, SQL templates and data analysis plan template
* Extensive knowledge of HCFA 1500, UB 92, ICD9 and CPT coding
* Designed lots of functional Spec and updated functional Spec documents to meet business requirements.
* Analyze the BRDs and understand all functional requirements working with business and map the requirements in Facets.
* Decide on the data source as hpXr or Facets based on the requirements by doing complete hpXr gap analysis.
* Worked with DB Visualizer, my SQL, Oracle, Data Modeler, MS Visio, PM tools etc.
* Designed and updated most of the client's 837 functional Spec
* Worked on multiple reports and interfaces on Billing and finance modules of Facets.
* Involving in business discussions to understand billing and finance requirements for Medicaid membership migration.
* Worked with over 100 different clients and understands their business protocols
* Currently working in an excellent Agile environment
* Made sure that what is on the business document correlates with the actual work performed
* Wrote EDI documents that tracks the progress of the 837 inbound and outbound files
* Runs 837 import and export jobs and makes sure any errors are fixed within the SLA
* Resolved hundreds of 837 tickets based on work experience and business requirement.
* Assigned projects to team members and follow through to ensure work is completed
* Designed employee's traceability and assessment metrics
* Worked directly with clients, vendors and acts as a subject matter expect between the business owner and the team. maintenance.
* Created numerous reports and dashboards using OBIEE platform.
* Developed different kinds of Reports (pivots, charts, tabular) using global and local Filters using OBIEE Platform.
* Responsible for creating and changing the visualizations in Power BI reports and Dashboards on client requests.
* Worked on managing and reviewing Hadoop log files. Tested and reported defects in an Agile Methodology perspective.
* Extensively used Agintiy work bench to perform DML, DDL etc operations on Netezza Database.
* Worked with multiple source systems DB2, SQL Server, Oracle databases.
* Extensively worked with SQL for unit testing as well as during developmental phases.
* Extensively worked with nested workflows involving both reusable and non-reusable worklets.
* Extensively worked with Informatica Versioning and Informatica Scheduler.
* Developed, transformed and tested business required data enhancements using ETL processes.

**Environment**: Informatica Power Center 9.5.1/8.1, informatica cloud, IBM Infosphere Quality stage SQL server 2008, Hadoop, Oracle, DB2, Toad, Unix, Informatica Versioning Tool, Guidewire Product Suite, Erwin 9.5, data stage Autosys, EDL 834/837 Hadoop,spark, Informatica Scheduler.

**Informatica Developer**

**Optum Health - Eden, Minnesota Dec’-2012 to Oct’ 2014**

**Responsibilities:**

* Gathered requirements from Business users and created a Low level technical design documents using high level design document.
* Participated in the Design Meetings, and prepared technical and mapping documentation.
* Designed, Developed and Supported Extraction Transformation and Load (ETL) Processes using Informatica Power Center 9.5 for data migration from source systems into ICD-10 Data warehouse.
* Written Pre and Post Session SQL commands (DDL & DML) to drop and recreate the indexes on data warehouse .
* Interacted with visual editor Guidewire Studio to modify all kinds of PCF files and the screen elements they contain.
* Supporting QA and UAT team in data creation in facets.
* Developed complex Informatica mappings using Unconnected Lookup, Sorter, and Aggregator and Router transformations for populating target table in efficient manner.
* Developed Data Quality Rules, Reference tables, Profiles, LDOs and Scorecards based on the business requirements.
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* Created EDI 834 files as part of test data by referring the membership data in Facets DB with transactions like 021 (New Enrollment), 001 (Change), 024 (Termination), 025 (Reinstate) & 030 (Audit) and ran those files through EDIFECS transaction manager for HIPAA validation before load those files into Facets.
* Involved in configuring Messaging plugins for communication between asynchronous external systems with guidewire.
* Extensively written many SQL scripts against Facets Enrollment tables (Sybase) & Application DB (SQL server) and validated the values with EDI file.
* Extensively worked on developing Continuous Change Data (CDC).
* Developed Slowly Changing Dimension Mappings for Type 1 and Type 2.
* Performance tuned the Mappings, Tasks, Sessions, SQL and Scripts to optimize Data-Load performance.
* Worked on EDI 837, 834, and 850
* Worked on EDI data mapping and data integrity also designed data analysis plan for the project
* Translated EDI file into a more readable format
* Tested EDI segments and wrote test cases based on BAs documents
* Understand EDI matching logic
* Used data services for data profiling of sources between SQL Server and Oracle sources.
* Involved in massive data profiling using IDQ (Analyst tool) prior to data staging.
* Provided solution the Data Quality and Data Cleansing tracks for the MDM project.
* Load monitoring the Support Process by failure reporting and failure handling in Teradata.
* Performed data quality improvement like data cleansing, matching and standardization using IDQ.
* Performed thorough data profiling to understand the quality of source data and to find data issues using IDQ.
* Executing facets core batch jobs and the report/interfaces batch jobs in Tidal for unit testing purpose
* Worked on error handling and performance tuning in Teradata queries and utilities.
* Experience in writing Teradata scripts and gave them to DBA's for implementing in Production database tables.
* Conformed to project standards for Unit test/UAT testing. Carried out end - to end testing and supported UAT effort with immediate requirement document change/fixes/resolution for all changes/defects.

Environment: Informatica Power Center 9.1, Informatica Data Quality 9.1, Teradata V13, Oracle 11g, SQL Server 2008, SQL, Guidewire Policycenter 8.0, Guidewire Claimcenter 8.0, UNIX Shell Scripts, Windows 7..

**Informatica Developer**

**Discover – Chicago, IL Aug’ 2010 to Nov’ 2012**

**Responsibilities:**

* Gathered requirements from the end users and Involved in analysis of source systems, business requirements and identification of business rules.
* Involved in the Data Warehouse Data modeling based on the client requirement.
* Responsible for developing, support and maintenance for the ETL (Extract, Transform and Load) processes using Informatica Power Center.
* Extracted sources from flat-files, Oracle, SQL Server and load them into Oracle.
* Responsible for creating system design and detail design documents based on the requirement document provided by the business users.
* Provides strategic thinking, leadership pertaining to new ways of leveraging information to improve business processes.
* Experienced in database design, data analysis, development, SQL performance tuning, data warehousing ETL process and data conversions.
* Based on the logic, developed various Mappings & Mapplets to load data from various sources using different transformations like Source Qualifier, Expression, Filter, Router, Update strategy, Sorter, Lookup, Aggregator, Joiner in the mapping. Also, developed Error Processing to capture the error records and loads them into Message Log table.
* Worked with Stored Procedure Transformation for time zone conversions.
* Created UNIX scripts to automate the activities like start, stop, and abort the Informatica workflows by using PMCMD command in it.
* Provided production support including error handling and validation of mappings.
* Addressed and track requests for system enhancements, improvements from end users/customer and resolved production issues.
* Extensively used Debugger Process to modify data and applying Break Points while Session is running.
* Used various Informatica Error handling techniques to debug failed session.
* Responsible for migrating the folders or mappings and sessions from development to test environment and Created Migration Documents to move the code from one Environment to other Environment.

**Environment**: Informatica 8.6, UNIX, Windows, Oracle 10g, PL/SQL, MSSQL 2008R2, SQL, Flat Files and CSV, Shell Scripting, Putty, PL/SQL Developer

**Informatica Developer**

**HCL Technologies-Hyderabad, India May’ 2009to Jun’ 2010**

**Responsibilities:**

* Interacting with Business and analysts to create the Functional Specs.
* Developing reports and intelligent dashboards for Global Sales team.
* Performance tuning required for slow running reports, designing of performance enhancing structures on Database.
* Used Cloud tools for integration of data and databases, it provides easy interface to access the data and retry.
* POCs for implementing Informatica scheduling on Job Automation tool UC4 and making ETL loads as flexible and restart able.
* Used Autosys Software, it schedules the job using Unix and Linux.
* Reviewing and creating the design required to support all reporting needs.
* Getting signoff on report and dashboard template.
* Optimized the SSRS reports through the use of aggressive scoping of data and judicious use of aggregate tables and materialized views and Caching techniques.
* Used nested stored procedures with complex control flow logic to feed SSRS reports.
* Reverse Engineering the Data Model from Erwin.
* Designed API to describe the principal of Information hiding role of programming interfaces as enabling modular programming by hiding the implementation details of the modules.
* Used the metadata of Informatica repository tables.
* Proficient in creating SQL Server reports, handling sub reports and defining query for generating drill down reports and drill through reports using SSRS.
* SSIS Packages are created to export and import data from CSV files, Text files and Excel Spreadsheet.
* Used statistical functions like regression to view the performance trends.
* Coordinated with Database administrator team to make sure database gets executed correctly at data stage and production instances before loads can start.
* For tracking the current status of loads, current/historic performance, throughput, differentiating long running jobs, view performance trends for individual Informatica sessions and developed metrics to view ETL performance.

**Environment**: (Oracle Business Intelligence Suite) OBIEE 11.1.6/11.1.5, Informatica Power center, Informatica Cloud, Informatica Multi-domain MDM 9.1, SSIS, SSRS, Informatica B2B DX DT v 8.0, Oracle 10g/11g, BI Publisher, API, Teradatav12, PL/SQL, SQL, SQL Server, Windows 7, Unix, Linux and Windows.