**Ravi Teja Chinni** 

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**PROFESSIONAL SUMMARY:**

* Around 8 years of IT experience with a strong background in Data Warehousing, Business Intelligence and Master data Management with expertise in all aspects of SDLC project life cycle – Requirement gathering, Analysis, Design, develop, testing and Migration to production.
* Proficient knowledge of Data warehouse and data modeling concepts like Star Schema, Snowflake, Fact & Dimension modeling, SCD Types, Surrogate keys, Normalization/De-normalization, Semantic Layer and etc.
* Strong knowledge of entity-relationship concept, facts and dimensions tables, slowly changing dimensions and dimensional modeling. Strong experience in business and data analysis, data profiling, data migration, data conversion, data quality, data governance, data integration, metadata management services and configuration management.
* Experience in integration of various data sources like Oracle, DB2, SQL server, SQL\*plus, Oracle SQL developer, XML files and flat files into staging area. Also experience in optimizing database querying, data manipulation using SQL and PL/SQL in oracle, flat files and SQL server databases.
* Strong working experience in Informatica power center data integration tools - Repository manager, Designer, Workflow manager, Workflow monitor.
* Extensively worked in developing the complex Informatica ETL’s to extract the data, transform and load into the target tables. Well acquainted with the mappings, mapplets, sessions, worklets, workflows, tasks and developed complex mappings using various transformation logics involving unconnected and connected lookups, source qualifier, stored procedure transformations, sorter, normalizer, sequence generator, router, filter, expression, aggregator, joiner and update strategy in Informatica power center designer.
* Worked on Informatica mappings involving Type-I, Type-II slowly changing dimensions.
* Having strong configure and development experience in Informatica Master Data Management (MDM) Hub Console like stage & base objects creation, landing to staging tables load with cleansing functions, Stage to Base object load, validation rules setup, defining match and merge rules, hierarchy manager, queries & packages creation and etc.
* Good experience in configuring the IDD applications, subject area groups, subject areas, subject area child and search queries for managing the MDM Hub data through IDD according to business needs.
* Experienced in creating test cases, test plan and test data. Performed integration testing, system testing, user acceptance testing (UAT) working with team members.
* Skilled in performing SWOT analysis, gap analysis, cost benefit analysis and to identify problem and make business decisions for improved customer value.
* Huge experience testing dashboards, prompted reports, ad-hoc reports and documented reports.
* Expertise in Informatica MDM Hub Match & Merge process, hierarchy manager, Batch Jobs, Batch Groups, Validation Rules, Trust settings for source systems.
* Experience in development of mappings in IDQ to load the cleansed data into the target table using various IDQ transformations. Also experience in data profiling and analyze the scorecards to design the data model.
* Strong experience with Informatica tools using real-time change data capture.
* Highly proficient in writing, testing and implementation of triggers, stored procedures, functions, packages, cursors using PL/SQL.
* Expertise in identifying the bottlenecks at Informatica end like source, target, session, mapping, transformation and etc. by debugging/ reviewing the session logs and doing performance tuning accordingly.
* Having experience in Oracle and SQL server data bases. Also created stored procedures as per requirement.
* Strong at UNIX shell programming. Experience in writing shell scripts to automate as per business requirement.
* Experience in creating the standard/adhoc reports in Business Objects (BO) and Cognos.
* Experienced in automating the Informatica jobs, also experienced in Informatica scheduler, Auto sys and Tivoli scheduler scheduling tools.
* Coordinating with business users, functional design team and testing team during different phases of project development and resolving the issues.
* Self-motivated, able to set effective priorities to achieve immediate and long-term goals and meet operational deadlines. Self-starter with good interpersonal and communication skills.

**TECHNICAL SKILLS:**

* **Reporting**: Tableau, Business Objects – Crystal reports, Webi, Xcelcius.
* **Informatica**: Informatica Power Center 10.1./9.5/9.1/8.6/8.1/7.1, Informatica Power Exchange, Informatica Data Explorer (IDE), SSIS, DataStage, Address Doctor 5
* **MDM & Data Quality**: Informatica MDM Hub Console v9.6/v9.7.1, Informatica Data Director(IDD), Services Integration Framework(SIF), Informatica Developer for IDQ, Informatica Analyst and Data Flux
* **Databases**: Oracle9i/10g/11g, MS SQL Server2005, 2008, 2012 and 2014, MY SQL, MS Access and IBM DB2.
* **Data Modeling**: Dimensional Data Modeling, Data Modeling, Star Join Schema Modeling, Snowflake Modeling, FACT and Dimensions Tables, Physical and Logical Data Modeling, ERWIN 4.0/3.5, Oracle Designer, synopsis and Visio.
* **BODS:** Installation and Configuration of BODS, Repository configuration and maintenance, WebAdmin/Management Console, Queries in Data Services, MYSQL-Front and MySQL Server, ETL, Data Integration, Data Profiling, Information Steward, Data Modeling, Data Warehouse, Data Conversion, Work Flow, Conditionals, Data Flow, Query, Transforms, Lookups, Variables, Functions and custom Functions
* **Operating Systems:** Windows NT, Windows 98/XP/2000/2003, Linux & VMWare.
* **Others**: MS Project, Oracle ADI 11.2, MS Access, Tableau, MS Visio and MS Excel.
* **Methodology:** Agile, Waterfall

**Work Experience:**

**Client: IBM, Dallas, TX Jan 2017- Till date**

**Role: Informatica MDM developer**

IBM is a diversified sector consisting different kind of industries, in our project we capture loyal customers of the company and reward them with points for all purchases originating from stores and company’s websites. The objective of this project is to create a customer data warehouse and master data information system to maintain customer rewards and forecast sales.

**Responsibilities:**

* Worked with business analysts to gather requirements. Responsible for converting Functional Requirements into Technical Specifications and design documents.
* Designed and developed Informatica ETL process to integrate data from loyalty, sales third-party vendors that are being phased out.
* Designed and developed Customer Master Data Information system using Informatica MDM Hub. Configured and created necessary Landing, Staging and Base tables for MDM.
* Worked with MDM Hub Console, Hub Server and Cleanse Match Server to build the MDM solution.
* Responsible for configuring and maintaining Informatica Data Director (IDD) to enable data governance ability for Data Stewards and other stakeholders.
* Designed and developed dimensional model for Customer Data Warehouse for Sales, Item, Reward Points and Customer Information. Created Fact and Dimensional tables in the Star Schema for data warehouse.
* Worked closely with Data Architects while designing the Customer Data Warehouse.
* Implemented data cleansing, match/merge, de-duplication, standardization using Informatica IDQ transformations like Parser, Standardizer, Classifier, Match, Merge and Decision to create golden copies of Customer. Successfully completed data integration into MDM.
* Extensively used Address Validator transformation in IDQ to convert partial addresses from source to complete valid addresses in target.
* Worked on designer tools Source Analyzer, Warehouse Designer, Transformation Developer, Mapplet Designer and Mapping Designer.
* Designed and developed complex ETL mappings making use of transformations like Source Qualifier, Joiner, Update Strategy, Connected Lookup and unconnected Lookup, Rank, Expression, Router, Filter, Aggregator and Sequence Generator.
* Created complex SCD Type 1, Type 2 and Type 3 mappings using Dynamic Lookup, Joiner, Router, Union, Expression transformations.
* Created Informatica Parameter files and User Defined Functions for handling special characters.
* Created Pre-Sql and Post-Sql scripts which need to be run at Informatica level.
* Developed SQL, PL/SQL, T-SQL Stored Procedures and Views in Oracle 11g and SQL Server 2012.
* Extensively used Explain Plans to identify SQL query performance and created Indexes to optimize execution time.
* Developed the automated and scheduled load processes using Autosys scheduler.
* Involved in migration of mappings and sessions from development repository to Integration and Production environments.
* Responsible for Unit testing and Integration testing of mappings and workflows. Extensively used Informatica PowerCenter Data Validation tool to unit test the ETL mappings.
* Assisted QA team in testing the ETL process in Integration environment.
* Worked on production tickets logged in JIRA to resolve the issues in a timely manner.
* Populated and updated data dictionary, standardized naming convention. Delivered ETL and Data warehouse technical design documentation.

**Environment:** Informatica PowerCenter 9.7.1, Informatica Master Data Management MDM 9.7.1,

Informatica Data Quality IDQ, Oracle 11g, SQL Server 2012, PL/SQL, T-SQL, Toad, Erwin, SQL Server

Management Studio, JIRA, UNIX, Win 7.

**Client: Automotive Robotics, IL Dec 2015- Dec 2016**

**Role: Informatica MDM developer**

In Automotive Robotics temporary data stores were targeted, and sourced in order to properly assemble the

data into the dimensional model with tools to protect their customers from data breaches. The company ARi is

a leading provider of integrated engineering solutions and a market leader in engine and powertrain testing.

**Responsibilities:**

* Worked with data stewards and users to better understand their needs and present solutions using structured SDLC approach.
* Gathered user and business requirements through open-ended discussions, brainstorming sessions and role-playing.
* Prepared various documents such as business requirement documents (BRD), functional specification documentation (FSD) and impact documents.
* Modeled use case diagrams, activity diagrams and data flow diagrams using MS Visio.
* Utilized corporation developed Agile SDLC methodology. Used scrum work pro and microsoft office software to perform required job functions.
* Used MDM tool to support master data management by removing duplicates, standardizing data, and incorporating rules to eliminate incorrect data.
* Facilitated meeting discussions between business users, business analysts and technical analysts.
* Gather requirements by conducting meetings and brainstorming sessions with end users and SME and document them using Requisite Pro - the documentation tool offered by Rational.
* Performed GAP analysis to identify problems and inconsistencies with business requirements specification, and the existing system.
* Conducted and lead JAD Sessions, personal Interviews twice a week with businesses. Developers and subject matter expertise to present the data rules established.
* Collaborating with project sponsor, project team and other stakeholders to determine project milestones and report on progress; prepared communication and status reporting plan.
* Standardized metadata by providing consistent business names and business definitions for the data elements.
* Helped the development team to design queries and mentored offshore resources in building test cases (validation SQL queries) to verify data across file systems, MDM system and data warehouses.
* Assisted the MDM development team in execution of jobs from external source systems to populate MDM landing tables.
* Provided support in manually executing weekly staging, load, match, auto merge and auto match & merge jobs for consolidating master records using defined match rule sets.
* Helped the business for improvement on designing IDD user interface for data managers/stewards to handle task approval process.
* Worked with the testing team to finalize on the use case scenarios to be used for performing front-end and backend testing.
* Designed structured functional testing, including review of test scenarios, test cases and execution/support of user acceptance testing (UAT).
* Scheduled daily SCRUM meetings in an agile environment, retrospective meetings for issues, incorporated suggestions & decisions in code development.
* Reported status, milestones, and project plan tracking to project management and project

Owners on a weekly basis.

**Environment:** Informatica MDM 9.5 (HUB/Cleanse), Informatica Data Director (IDD/User Interface), Oracle 11g Database), PL SQL Developer, JBOSS, Microsoft Office Suite, Microsoft Visio, SQL, JIRA.

**Client: Amara Raja Batteries, Chennai. Mar 2012- Jun 2015**

**Role: Informatica developer**

Amara Raja is committed towards latest generation technologies by developing and manufacturing globally

Competitive, customer focused products of world class quality and responsibly introducing, these products into

relevant markets. The objective of this project is to maintain reward points and member information for

Customers enrolled in this program in an enterprise data warehouse.

**Responsibilities:**

* Analyzed the business requirements and framing the business logic for the ETL process.
* Designed and Developed complex mappings, reusable Transformations for ETL using Informatica PowerCenter.
* Designed the ETL processes using Informatica to load data from DB2, SQL Server, Flat Files, XML Files and Excel files to target Oracle database.
* Designed Master Data Management solution to integrate membership/rewards master data using Informatica MDM. Created Landing, Staging and Base objects in MDM Hub.
* Extensively worked in Informatica MDM Hub Console, Hub Store, Hub Server and Cleanse Match Server to implement MDM solution.
* Created complex SCD type 1 & type 2 mappings using dynamic lookup, Joiner, Router, Union, Expression and Update Transformations.
* Performed data manipulations using various Informatica Transformations like Aggregate, Filter, Update Strategy, and Sequence Generator etc.
* Responsibilities included designing and developing complex mappings using Informatica PowerCenter and Informatica Data Quality (IDQ).
* Extensively worked on Address validator transformation in Informatica IDQ to parse the partial address and populated the full address in the target table
* Created mappings in Informatica Data Quality (IDQ) using Parser, Standardizer and Address Validator Transformations.
* Extensively used Change data capture concept in Informatica as well as in the Oracle to capture the changes to the data mart. Change data capture enabled us to reduce the time taken to load the data into the data mart by allowing only the changed data.
* Worked on Dimension and Fact tables, developed mappings and loaded data into the data warehouse.
* Created Informatica parameter files and User Defined Functions for handling special characters.
* Worked on SOAP UI tool to see the request and response.
* Written SQL overrides in source Qualifier according to business requirements.
* Actively participated in Scrum Meetings.
* Analyzed WSDL interactions with Oracle on Demand to push as well as pull data via Informatica.
* Conversant in WSDL requests and responses for data manipulation in Oracle on Demand CRM system.
* Implemented variables and parameters in the mappings.
* Created workflows and worklets for designed mappings.
* Generated UNIX shell scripts for automating daily load processes.
* Scheduled and unscheduled workflows and used UNIX command tasks to automate the entire process of fetching the source file from a different path and FTP it onto the server.
* Generated completion messages and status reports using workflow manager.
* Involved in writing ETL specifications and unit test plans for the mappings.
* Performed Developer testing, Functional testing, Unit testing for the Informatica mappings. Extensively used Informatica Data Validation tool to build and test unit test cases.
* Redesigned some of the mappings in the system to meet new functionality.
* Used workflow Monitor to monitor the performance of the Jobs.
* Extensively worked in the performance tuning of the ETL process at mapping and transformation level.
* Wrote Stored Procedures and Views in Oracle 11g using PL/SQL. Created Indexes to optimize PL/SQL queries.
* Migrated mappings to the testing and production environment.

**Environment**: Informatica PowerCenter, Informatica MDM Hub, Informatica IDQ, DB2, Erwin 4.0, UNIX, Oracle

11g, PL/SQL, Business Objects XI R2, SQL Server 2008, Korn Shell Script, Tivoli Workload Scheduler, Tidal Job

Scheduler, TOAD, Crystal Reports XI.

**Client: Reliance Petroleum Ltd., Mumbai June 2010- May 2012**

**Role: Informatica developer**

Reliance Petroleum focus is on driving the nation towards growth with their advanced products and

services comprising of High-Speed Diesel, Petrol, Auto LPG, Lubricants, Aviation Fuel, Packed LPG

Catering to different segments ranging from two wheelers to aeroplanes & farm equipment to heavy

engineering vehicles, who adopt high-risk strategies looking to gain high-potential rewards and

Significantly reduce operational costs and improve profitability.

**Responsibilities**:

* Involved in analysis, design, development, test data preparation, unit and integration testing, Preparation of Test cases and Test Results
* Coordinating with client, business and ETL team on development
* Developed batch jobs using extraction programs using COBOL, JCL, VSAM, datasets, FTP to load Informatica tables
* Involved in full project life cycle - from analysis to production implementation, support with emphasis on identifying the source, source data validation, developing logic, transformation as per the requirement, creating mappings and loading the data into BI database.
* Based on the business requirements created functional design documents and technical design specification documents for ETL process.
* Designing and developing ETL solutions in Informatica Power Center 8.1
* Designing ETL process and creation of ETL design and system design documents.
* Developing code to extract, transform, and load (ETL) data from inbound flat files and various databases into various outbound files using complex business logic.
* Used different transformations like Source Qualifier, Aggregator, Filter, Expression, and Update Strategy to meet the business requirement.
* Created automated shell scripts to transfer files among servers using FTP, SFTP protocols and download files.
* Developed Informatica mappings, enabling the ETL process for large volumes of data into target tables.
* Designed and developed process to handle high volumes of data and high volumes of data loading in each SLA.
* Created workflow, worklets and other tasks to schedule the loads at required frequency using Informatica scheduling tool.
* Provided effective support in delivering process and product change improvement solutions.
* Ensured acceptable performance of the data warehouse processes by monitoring, researching and identifying the root causes of bottlenecks.
* Acted as a liaison between the application testing team and development team in order to make timely fixes.

**Environment**: Informatica Power Center 8.1, ETL, Business Objects, Oracle 10g/9i/8i, UNIX Shell

Scripting, Agile Methodology, PL/SQL.