**SASI KANTH**

**Sr. ETL INFORMATICA DEVELOPER**

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**PROFESSIONAL SUMMARY:**

* 8 Plus years of experience in analysis, design and development of enterprise level data warehouses using Informatica.
* Experience in interacting with business users to clarify requirements and translate the requirements into technical specifications.
* Good proficiency in **Informatica Data Quality 10.2.1/10.1.1/9.5.1/9.6.1 and Informatica power center 9.x/8.x/7.xs.**
* Responsible for managing **BI** environment, which includes Business model, Data Model, Data sources, ETL tools, target data warehouse, Data marts, and Reporting tools.
* Experience in complete **Software Development Life Cycle (SDLC)** (Requirement Analysis, Design, Development & Testings).
* Designed complex Mappings and have expertise in **performance tuning** and slowly-changing Dimension Tables and Fact tables.
* Strong data modeling experience using **Star/Snow flake schema, Re-engineering, Dimensional Data modeling, Fact & Dimension tables, Physical & logical data modeling.**
* Strong in implementation of **data profiling, creating score cards, creating reference tables and documenting Data Quality metrics/dimensions like Accuracy, completeness, duplication, validity, consistency.**
* Expertise in developing standard and re-usable mappings using various transformations like **Sorter, Rank, Expression, aggregator, joiner, source qualifier, lookup and router.**
* Excellent working experience with Insurance Industry with strong Business Knowledge in Auto, Life and Health Care - Lines of Business.
* Experience in source systems analysis and data extraction from various sources like **Flat files, Oracle 11g/10g/9i/8i, XML files** and extensively used ETL to load data using Power Center / Power Exchange from source systems like Flat Files and Excel Files into staging tables and load the data into the target database Oracle.
* Expertise in **Informatica Data Quality (IDQ)** tool and Standardization, Address Validation and Deduplication.
* Involved in production support, resolving the production job failures, interacting with the operations support group for resuming the failed jobs.
* Experience in working with sales operations team for analyzing and optimizing data from Third party vendors.
* Experience in **UNIX shell scripting and** automation of ETL Processes.
* Prepared user requirement documentation for mapping and additional functionality.
* With both On-site and Off-shore experience have developed skills in system analysis, troubleshooting, debugging, deployment, Team management, prioritizing tasks and customer handling.

### **TECHNICAL SKILLS:**

**ETL Tools:** Informatica Power Center 9.6.1/9.5/9.1/8.6, Metadata Manager

**Data Quality Tools:** Informatica Data Quality (IDQ)

**Databases:** Oracle11g/10g/9i/8i/8.0/7.x, DB2 UDB 8.1.

**Operating Systems:** UNIX, Windows XP, MSDOS

**Programming:** SQL, PL/SQL, UNIX Shell Scripting

**Other Tools:**  Autosys, Agile, JIRA

**PROFESSIONAL EXPERIENCE:**

**Vantiv (Now WorldPay), Cincinnati, OH. Jan 2018- Present**

**Sr. ETL Informatica Developer**

**Project Description:**

Vantiv(Now WorldPay) is the Financial client which do payment processing. It is one of the largest US merchant

acquirer’s. WorldPay do card processing for the different merchants such as retail, restaurants, supermarkets.

They do payment settlements for Both Sig and Pin type cards. Informatica Data Quality Tool is used to check

Quality of data coming from different databases and to maitain the quality of data using different IDQ objectives

and capabilities.

**Responsibilities:**

* Good proficiency in **Informatica Data Quality 10.1.1/10.2.1.**
* Experience on creating **profiles, rules, scorecards and mappings** with **Informatica Developer and Analyst Tool.**
* Strong in implementation of data profiling, creating score cards, Creating reference tables and documenting **Data Quality** metrics/dimensions like **Completeness, Conformity, Accuracy, Consistency.**
* Worked with **Informatica Data Quality 10.1.1/10.2.1 (Informatica Developer and Analyst Tool)** to create Column profiles, DQ Rules, Mapplets, Scorecards.
* Performed the Data profiling and analysis making use of Informatica Data Quality (IDQ).
* Worked on Different type of Big Data Tables to create profiles using Hive connection in run time environment.
* Worked on Different validation and cleansing **Mapplets** in **informatica developer** and validate these Mapplets as **Rules** and also worked on creating DQ Rules in I**nformatica Analyst** tool based on Data Steward Inputs.
* Worked on seeing status of different Jobs like Profiles, Scorecards in **Informatica Administrator**.
* Wrote and ran different type of **SQL** queries on given databases in Impala, Hive.
* Worked on Migration of **Data Objects**, **Profiles**, **Mapplets** and **Scorecards** from one environment to other environment using **Export** and **Import** options in **Informatica Developer** Tool.

**Environment: Informatica Developer 10.1.1/10.2.1, Informatica Analyst Tool 10.1.1/10.2.1, Impala, Hive, Agile.**

**Wellcare, Tampa, FL.** **April 2016 – Dec 2017**

**Sr. Informatica IDQ Analyst**

**Project Description:**

WellCare Health Plans, Inc. has been a leading provider of government-sponsored health plans including Medicare, Medicare PDP, Medicaid, State Children's Health Insurance Programs and others. The current Encounters Processing System requires many manual interventions and is not flexible to respond to frequent changes in state specifications and requires ad-hoc queries to access data. Additionally, it is not capable of supporting the new industry regulations that dictate all EDI transactions conform to the 5010 X12 specification by January 1, 2012. Phase IV - End to End Encounters Processing will address the 5010 compliance need. In light of the remediation that are required to improve business performance, as well as to meet industry mandated specifications, a decision was made to launch the Re-Engineered program End-to-End Encounters Processing System that will develop several remediation to existing capabilities to address these areas. The introduction of HTR (Healthcare Transaction Repository by Edifecs) and Encounters Repository (ER) for 5010 Encounters Processing capability will provide a flexible solution to accurately report encounters data in a variety of formats.

**Responsibilities:**

* Good proficiency in **Informatica Data Quality 10.1.1/10.2.1.**
* Experience on creating profile, rules and mappings with **Informatica Developer and Analyst Tool.**
* Strong in implementation of data profiling, creating score cards, Creating reference tables and documenting **Data Quality** metrics/dimensions like Accuracy, completeness, duplication, validity, consistency.
* 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**.
* Performed the data profiling and analysis making use of Informatica Data Quality (IDQ).
* Worked on different transformations like **case converter, standardizer, labeler etc** for cleansing and standardize the data.
* Wrote and ran different type of **SQL** queries, including create/insert/update on given databases
* Wrote complex **SQL** override scripts at source qualifier level to avoid Informatica joiners and Look-ups to improve the performance as the volume of the data was heavy.
* Experience in Performance tuning & Optimization of **SQL** statements using SQL trace
* Involved in Unit, System integration, User Acceptance Testing of Mapping.
* Supported the process steps under development, test and production environment.

**Environment: Informatica Data Quality 9.6.1,** **Informatica Power Center 9.6.1/9.5.1SQL,** Oracle 11g/10g, **Autosys.**

**Hewlett Packard, Columbus, OH Oct 2014 - April 2016**

**Sr. Informatica Developer**

**Project Description:**

The purpose of HP2B (Jukebox B2B) project is that the customer user must have the ability to log into the system to perform various activities on the site, mostly placing an order. A customer user will be granted access to purchase on the site only after log in. So, INFORMATICA power center is being used to pull data from different databases such as Oracle, Microsoft SQL Server and other files, do the transformation, and then send data files to WCS system for the user verification.

**Responsibilities**:   
• Documented user requirements, translated requirements into system solutions and developed implementation plan and schedule.   
• Extracted data from relational databases DB2, Oracle and Flat Files.   
• Developed Complex transformations, Mapplets using Informatica to Extract, Transform and load data into DataMart, Enterprise Data warehouse (EDW) .   
• Developed data Mappings, Transformations between source systems and warehouse   
• Performed Type1 and Type2 mappings.   
•Excellent in working on **OLAP**, OLTP, Reporting and Analytics, Data Cleansing, Data Scrubbing, Data Migration and writing PL/SQL.   
• Well Versed in building test strategy on **IDQ** Mappings, Profiles.  
• Experience in profiling the data and performed Proof of Concept for **Informatica Data Quality (IDQ)**   
• Created Profiles using **IDQ** rules and filters.   
• Applying cleansing rules using **IDQ**.   
• Tuned performance of Informatica session for large data files by increasing block size, data cache size, sequence buffer length and target based commit interval.    
• Performing Unit testing and tuned the mappings for the better performance.   
• Responsible to design, develop and test the software (Informatica, PL SQL, **UNIX** shell scripts) to maintain the data marts (**Extract data, Transform data, Load data).**   
• Organized data in the report Inserting Filters, Sorting, Ranking and highlighting data.  
**Environment**: **Informatica Power Center 9.6.1/9.5.1, IDQ 9.5.1/9.6.1**, **SQL**, shell Scripts

**Zurich North America, Schaumburg, IL June 2012 – Oct 2014**

**Informatica Developer (**Enterprise Integration and Data Management- EIDM)

**Project Description:**

The Project was to design a real time data processing s re-engineering feed with error handling functionality which has all the functionalities of the current feed. The ETL Data flow was designed for loading data into on a real time mode from EDB/ ZSOA MQ Feed for Submission and Submission product, retrieving new customer information from MDM and loading into salesforce tables, creating an overnight batch process for ZEA feed for policy and Policy product to Error record capturing and notifying the data steward groups on a daily basis via E-mail

**Responsibilities:**

* Developed mappings in **Power Center** for Job Monitoring and Data Validation.
* Involved in business analysis and technical design sessions with business and technical staff to develop

requirements document and ETL specifications.

* Developed mapping logic using various transformations like Expression, Lookups (Connected and Unconnected), Joiner, Filter, Sorter, SQL, Update strategy, Salesforce Lookup and Sequence generator.
* Using different transformations, we design and develop the Extract, Transform & Load mappings in **IDQ** ETL tool based on the business requirement
* Worked on creating profiles in the **Informatica Data Quality** Developer tool, and analyst tool.
* Worked on creating profiles, profile models, rules and mappings with **IDQ.**
* Actively implemented Informatica performance tuning by identifying and removing the bottlenecks and optimized session performance by tuning complex mappings
* Documented Informaticamappings, design and validation rules.
* Extensively involved in unit testing, integration testing and system testing of the mappings and writing Unit and System Test Plan.
* Migrated objects from the development environment to the QA/testing environment to facilitate the testing of all objects developed and check their consistency end to end on the new environment.
* Supported the process steps under development, test and production environment.

**Environment: Informatica Power Center 9.1.0/8.6.1**, **IDQ 9.5.1**, **SQL,** JIRA, Autosys Job Scheduler, UNIX

**AAA Solutions Nov 2010 – June 12**

**Informatica Developer**

**Responsibilities:**

* Analyzed the functional specs provided by the data architect and created technical specs document for all the mappings.
* Worked on Informatica Power Center tool - Source Analyzer, Target designer, Mapping & Mapplet Designer and Transformation Designer.
* Resolved issues that cause the production jobs to fail by analyzing the ETL code and log files created by the failed jobs on the Informatica server.
* Used Transformations like Lookup, Joiner, Rank and Source Qualifier Transformations in the Informatica Designer.
* Worked on Address **Data cleansing** & Standardizing by configuring Address doctor component in **IDQ** tool
* Worked on slowly changing dimension tables data.
* Created complex mappings using Unconnected Lookup, Sorter, Aggregator, Stored Procedure, dynamic Lookup and Router transformations for populating target oracle tables in efficient manner
* Tuning Informatica Mappings and Sessions for optimum performance

**Environment:** Informatica Power Center 8.6, **IDQ,** Oracle 10g/9i, SQL, UNIX