**NEHA VERMA**

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**585-775-7028**

**Sr. Informatica Developer**

**Summary:**

* Over 7+ years of experience in Information Technology with a strong background in Database and Data warehouse Experience.
* Data Warehousing: strong Data warehousing experience using Informatica Power Center 9.5/9.0.1/8.6/8.1.1/7.1 (Source Analyzer, Repository Manager, Mapping Designer, Mapplets, Transformations, Workflow Manager, Task Developer), Power Connect for ETL, OLTP, OLAP, Data Mining, scheduling tool.
* Working knowledge on different data sources such as Flat files, Oracle, SQL Server, PL/SQL and Excel files.
* Hands on experience in tuning mappings, identifying and resolving performance bottlenecks in various levels like sources, targets, mappings, and sessions.
* Vast experience in designing and developing complex mappings from varied transformations like Unconnected and Connected lookups, Source Qualifier, Router, Filter, Expression, Aggregator, Joiner, Update Strategy, Union, Sequence Generator, Sorter, Normalizer etc.
* Proficient in Analyzing Business processes requirements and translating them into technical requirements.
* Experience in working with various versions of Informatica Power center 9.1/8.6/8.5/8.1/7.1/6.2, ,Oracle warehouse Builder 10.2,Talend open studio Client and Server tools.
* Experience in all phases of SDLC including Requirements Gathering, Design, Development, Unit Testing, On-going support and Maintenance.
* Experience dimensional data modeling of star schema and snow flake schema.
* Experience in using Informatica for Extraction, Transformation and Loading of data into Data Marts.
* Worked with testing team to create test cases for unit and integration testing, expertise in User Acceptance Testing Consultation with SME’s.
* Excellent understanding of Client/Server architecture makes a valuable asset to any project, with Excellent Logical, Analytical, Communication and Organizational Skills.
* Highly skilled in providing instantaneous and workable solutions to business problems.
* Efficient team player with excellent communication skills and good interaction with users.
* Experience with Sales, Marketing and healthcare Domains.

**TECHNICAL SKILLS:**

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| **Data Warehousing** | Informatica Power Center 9.5/9.0.1 / 8.6 / 8.5 / 8.1 / 7.1(Designer, Workflow Manager, Workflow Monitor, Repository Manager), Talend 5.5, OLAP, OLTP, ETL |
| **Databases** | Flat files, Oracle, SQL Server, PL/SQL, Excel files, XML files |
| **RDMS Load Tools** | TOAD, SQL Developer, SQL Assistant, DB Artisan |
| **Languages/Web** | PLSQL |
| **Environment** | UNIX, Windows 2000/2003/XP/NT |

**Cerner Corporation, Allentown, NJ**

**Sr. Informatica Developer Feb 2013 – Current**

Cerner with the mantra of healthcare is too important to stay the same has developed technologies that connect more than 14,000 facilities worldwide. With leading-edge health information technologies, Cerner support the clinical, financial and operational needs to various organizations.

**Responsibilities:**

* Study and analyze mapping document, the required source tables, data types, required transformations based on Business requirements and Technical specifications.
* Using Informatica PowerCenter, extracting data from Mainframes, 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.
* Responsible for management of data, duplicating the data and storing the data in to specific data warehouse using Talend Platform for Data Management and MDM.
* Expertise in Developing Mappings, Define Workflows &Tasks, Monitoring Sessions, Export & Import Mappings and Workflows and Backup, Recovery.
* 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.
* Development of Talend mappings to onboard new sources and changes to the existing ones.
* Extensively worked with various Passive transformations in Informatica PowerCenter like Expression Transformation, Sequence Generator, and Lookup Transformation.
* Worked with various active transformations in Informatica PowerCenter like Filter Transformation, Aggregator Transformation, Joiner Transformation, Rank Transformation, Router Transformation, Sorter Transformation, Source Qualifier, and Update Strategy Transformation.
* Created and Configured Workflows, Worklets 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.
* Developed PL/SQL stored procedures and UNIX shell scripts for pre and post session commands, batch jobs.
* Designed and developed SQL, Talend mapping to perform complex ETL processing.
* Worked closely with MDM team and testing team to resolve any data issues.
* Developed UNIX Shell Scripts and SQLs to get data from Oracle tables before executing Informatica workflows.
* 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 8.1 (Power Center Designer, workflow manager, workflow monitor), TOAD, SQL developer, Windows NT, UNIX, Oracle, shell scripting, talend 5.5, big data, mdm**

**Boston Medical Center, Boston, MA**

**Informatica Developer Nov 2011 – Jan 2013**

Boston medical center is an extraordinary community of health care providers devoted to the proposition that every person, regardless of his or her social or economic circumstances, deserves the best health care.

**Responsibilities:**

* Understanding the existing business model and requirements, involved in requirements gathering and understanding business needs.
* Involved in analyzing the requirements and created Design Documents and Data Mapping Documents.
* Involved in Dimensional modeling (Star Schema) of the Data warehouse and used Erwin to design the business process, grain, dimensions and measured facts.
* Worked with Source Analyzer, Warehouse designer, Mapping, Mapplet Designer, Transformations, Workflow Manager and Monitor.
* Developed mappings using various transformations such as the Source qualifier, Router, Filter, Sequence Generator, Aggregator, Lookup (Connected & Un-Connected), Stored Procedure and Expression as per the business requirement.
* Used Mapping Parameters and Variables to implement object orientation technologies and facilitate the reusability of code.
* Developed mappings to implement Slowly Changing Dimensions (Type 1 & 2).
* Involved in performance tuning by identifying the bottlenecks at source, target, mapping, session, and database level.
* Responsible for ETL development with successful design, development, and integration of components within the Talend ETL Platform.
* Design and development of UNIX Shell Scripts to handle pre and post session processes and also for validating the incoming files.
* Developing the SQL scripts in TOAD and creating Oracle Objects like tables, materialized views, views, Indexes, sequences, synonyms and other Oracle Objects.
* Debugged mappings by creating logic that assigns a severity level to each error, and sending the error rows to error table so that they can be corrected and re-loaded into a target system.
* Created data modeling for staging area as well as Data warehouse (Star Schema and Snow Flake Schema) database.
* Created Context file to change default properties in Talend studio.
* Performance tune ETL programs, Maintenance and enhancements of ETL code.
* Migrated development mappings to production environment.
* Responsible for preparing test cases and technical unit testing for the developed reports.
* Responsible for to analyze and apply new requirements to existing reports.
* Continuously monitor the accuracy of the data and the content of the delivered reports.
* Responsible for to provide production support and resolve issues.

**Environment: Informatica Power Center 9.1/8.6, Windows NT, Oracle, SQL, talend, PL/SQL, TOAD, ERWin 4.0**

**The Times of India – Bennett, Coleman and Company Ltd.**

**Informatica Developer November 2008 - Oct 2011**

The Times Group (also referred to as Bennett, Coleman and Co. Ltd.) is the largest [media conglomerate](http://en.wikipedia.org/wiki/Media_conglomerate) in [India](http://en.wikipedia.org/wiki/India). The company has over 7000 employees and business not only restricted to print (Newspaper and Magazine) but Television, Radio, Out-of-home Media and Internet, with a turnover in excess of USD 1 billion.

**Responsibilities:**

* Experience communicating with Business and the Analysts to Understanding the Source and Target Systems.
* Modified existing / developed new complex Informatica Power Center Mappings to extract and pull the data according to the guidelines provided by the business users and populate the data into Target Systems.
* Evaluating business requirements, technical specification, source repositories and physical data models for ETL mapping and process flow.
* Experience extracting data from different Source Systems like Relational (MS SQL Server), COBOL files and EXCEL files.
* Involved in OLTP system analysis.
* Using different transformations like Source qualifier, Joiner, Look up, Update strategy, Normalizer, Aggregator, Ranker, Sequence Generator, Filter, Router and various other transformations for manipulating the data and loading it into targets.
* Efficiently implemented Change Data Capture (CDC) to extract information from numerous SQL Server Tables.
* Scheduled Workflows/Sessions and Batches on the Informatica Server using Informatica scheduler and designed/developed scheduling strategies taking into consideration various dependencies on other applications and also resource constraints.
* Involved in Writing Shell scripts to automate the Pre-Session and Post-Sessions Processes.
* Implemented performance tuning logic on targets, sources, mappings, sessions to provide maximum efficiency and performance and used various mechanisms such as indexing, partitioning, SQL tuning from both Informatica as well as data base standpoint.
* Involved in preparing Model move Forms for migration of code across environments.
* Extensively used Quality center which served as a medium for communication across the Business analysts as well as the testing teams for addressing defects and other issues during the Certification period.
* Worked on SQL tools like TOAD and SQL Developer to run SQL Queries and validate the data.
* Involved in Unit testing, System testing and UAT to check data consistency.
* Assisted QA team to fix and find solutions for the production issues
* Prepared all documents necessary for knowledge transfer such as ETL strategy, ETL development standards, ETL processes, etc.
* Backup & Restore Oracle Table space containing Informatica data.

**Environment: Informatica Power Center 8.5/8.6, Windows 2000/2003, DB Artisan, TOAD, UNIX, SQL developer**

**Mail Today – India Today Group**

**Jr. Informatica Developer May 2007 - Oct 2008**

Mail today is a newspaper established in November 2007 and published by the [India Today Group](http://en.wikipedia.org/wiki/Living_Media) in a joint venture with British newspaper [Daily Mail](http://en.wikipedia.org/wiki/Daily_Mail)

**Responsibilities:**

* Involved in design & development of operational data source and data marts in Oracle.
* Reviewed source data and recommend data acquisition and transformation strategy.
* Involved in conceptual, logical and physical data modeling and used star schema in designing the data warehouse
* Designed ETL process using Informatica Designer to load the data from various source databases and flat files to target data warehouse in Oracle
* Used Power mart Workflow Manager to design sessions,
* Created parameter based mappings, Router and lookup transformations.
* Created Mapplets to reuse the transformation in several mappings.
* Used Power mart Workflow Monitor to monitor the workflows.
* Optimized mappings using transformation features like Aggregator, filter, Joiner, Expression, Lookups.
* Created daily and weekly workflows and scheduled to run based on business needs.
* Created Daily/weekly ETL process which maintained 100GB of data in target database.
* Involved in Unit Testing, Integration Testing, and System Testing.

**Environment : Oracle 9i, Informatica power center 7.1, MS Tools**