**Imran Hussein**

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**Sr. Informatica/Teradata Developer**

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**SUMMARY:**

* **8+ years** of IT experience and specialized capability in building Enterprise Data Warehouse, Data Marts, Operational Data Stores in real industry segments like Finance, Health, Insurance and Retail Using **Informatica Power Center 10.1/9.6.1/9.5.1/8.6.1/8.1.1.**
* Experienced with **full life cycle of Software Development** (Planning, Analysis Design, Deployment, Testing, Integration and Support).
* Expertise in whole **life cycle of DWH** with Analysis, Modelling review, ETL Design, Performance improvement, Unit/System testing and support.
* Strong involvement in Understanding **Dimensional Modeling** - Star and Snow Flake Schema, Identifying Facts and Dimensions.
* Expertise in working with **databases Oracle 10g/9i, Teradata 14/12, SQL Server 2000/2005/2008, DB2, My Sql, Sybase.**.
* Extensive involvement in creating Stored Procedures, Functions, Views and Triggers, Complex SQL queries.
* Experienced in writing scripts in **python** for scheduling jobs.
* Having solid Experience in **Informatica and Teradata** mix in Enterprise distribution center environment.
* Having solid involvement in utilizing **Teradata utilities** like TPT, FASTLOAD, MULTILOAD, and BTEQ scripts.
* Developed mappings in Informatica to stack the information from different sources into the Data Warehouse, utilizing distinctive changes like **Source Qualifier, JAVA, Expression, Lookup, Aggregate, Update Strategy and Joiner**.
* Experience in determining on-going upkeep **issues and bug fixes**; observing Informatica sessions and in addition execution tuning of mappings and sessions.
* Extensive involvement in composing **powershell scripting** and computerization of the ETL forms utilizing **powershell scripting**.
* Worked broadly with **CDC & SCD**.
* Experienced in working with **Informatica Data Quality 9.5.1** (IDQ)
* Expertise in implementing **performance tuning techniques both ETL & Database level**
* Experience in utilizing **Automation Scheduling** instruments like Autosys, Control-M and Maestro.
* Very strong experience in working both **Waterfall & Agile Methodologies.**
* Good relational abilities with solid capacity to connect with end-clients, clients, and colleagues.
* Solid diagnostic and element investigating abilities.
* Self-persuaded and appreciate working in an in fact testing environment.

**TECHNICAL SKILLS:**

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| **ETL Tools** | Informatica Power Center 9.6.1/9.5.1/8.6.1/8.1.1, Informatica Cloud. |
| **RDBMS** | Oracle 10g/9i/8i,Netezza, Teradata 14/12, DB2, SQL Server 2000/2005/2008, MySQL, Sybase. |
| **Modeling** | Dimensional Data Modeling, Star Schema Modeling, Snow - flake Schema Modeling, Erwin, Microsoft Visio, HOLAP, MOLAP, ROLAP. |
| **QA Tools** | Quality Center |
| **Operating System** | Windows, Unix, Linux |
| **Reporting Tools** | Cognos, Business Objects |
| **Languages** | Java, XML, Perl Scripting, Powershell,UNIX Shell Scripting, SQL, PL/SQL,Python |

**CVS Health, Richardson, TX Sr.Informatica/Teradata Developer Dec ‘16 – Till Date**

CVS sells prescription drugs and a wide assortment of general merchandise, including over-the-counter drugs, beauty products and cosmetics, film and photo finishing services, seasonal merchandise, greeting cards, and convenience foods through their CVS Pharmacy and Longs Drugs retail stores and online through CVS.com. It also provides healthcare services through its more than 1,100 Minute Clinic medical clinics as well as their Diabetes Care Centers.

**Responsibilities:**

* Assist with management of application platforms from a security, capacity, reliability, and overall performance perspective
* Maintain code efficiency and **data integrity in all deliverables**
* Provide leadership in customer service to our business community for **change requests and issue research**
* Define, test, implement, and govern technical standards for the overall **EAI development framework.**
* Good knowledge on Teradata Manager, **TDWM, PMON, DBQL, SQL assistant and BTEQ.**
* Wrote **BTEQ** scripts to transform data and wrote **FASTEXPORT** scripts to export data.
* Extensively worked in the **performance tuning of Teradata SQL**, ETL and other processes to optimize session performance.
* Involved in **Initial loads**, **Incremental loads** and **Daily loads** to ensure that the data is loaded in the tables in a timely and appropriate manner.
* Responsible for scheduling task by writing scripts in **Python**.
* Used **Informatica** as ETL tool, and stored procedures to pull data from source systems/ files, cleanse, transform and load data into the **Teradata** using **Teradata Utilities**.
* Wrote **Teradata Macros** and used various Teradata **analytic functions**.
* Loaded data in to the Teradata tables using **Teradata Utilities BTEQ, Fast Load, Multi Load, and Fast Export, TPT.**
* Compliance to **SDLC and SOX** in all aspect of application development.
* Analyzed the Business Requirement Documents (**BRD**) and laid out the steps for the data extraction, business logic implementation & loading into targets.
* Responsible for **Impact Analysis**, upstream/downstream impacts.
* Created detailed Technical specifications for **Data Warehouse** and ETL processes.
* Got trained and hands on experience in **Informatica cloud** in migrating data from Informatica cloud to Informatica Power Center.
* Write **powershell scripts** for converting the end-of-record delimiter in a flat file source to end-of-record followed by a new line character that can be run as a pre-session command.
* Worked on Informatica- Source Analyzer, Warehouse Designer, Mapping Designer & Mapplet, and Transformation Developer.
* Used most of the transformations such as the Source Qualifier, Expression, Aggregator, Filter, Connected and Unconnected Lookups, Joiner, update strategy and stored procedure.
* Extensively used Pre-SQL and Post-SQL scripts for loading the data into the targets according to the requirement.
* Developed mappings to load **Fact and Dimension** tables, **SCD Type 1** and **SCD Type 2** dimensions and Incremental loading and unit tested the mappings.
* Successfully **upgraded Informatica** 9.6.1 and to 10.1 and responsible for validating objects in new version of Informatica.
* Worked extensively with different Caches such as Index cache, Data cache and Lookup cache (**Static, Dynamic and Persistence**) while developing the Mappings.
* Created Reusable transformations, Mapplets, Worklets using Transformation Developer, Mapplet Designer and Worklet Designer.
* Integrated the data into centralized location. Used migration, redesign and Evaluation approaches.
* Responsible for **Unit Testing, Integration Testing** and helped with User Acceptance Testing.
* Scheduling Informatica jobs and implementing dependencies if necessary using Autosys.
* Managed **postproduction issues** and delivered all assignments/projects within specified time lines.
* Responsible for conducted the project mostly in **Waterfall methodology** and going through all the requirements with the **business analyst** and look for the design with the **QA team**.

**Environment:** Informatica Power Center 10.1/9.6.1/9.5.1, Informatica Cloud**,** Oracle 11g, DB2, Teradata 15/14, Flat Files, Erwin 4.1.2, Sql Assistant, TOAD, Perl, Winscp, Putty, Autosys, UNIX, Powershell, Windows.

**Bank of America, Charlotte, NC Sr. Informatica/Teradata Developer Dec ’14 – Nov’16**

Bank of America Corporation is a multinational banking and financial services corporation headquartered in Charlotte, North Carolina, United States. It is ranked 2nd on the list of largest banks in the United States by assets. Bank of America provides its products and services through 4,600 retail financial centers, approximately 15,900 automated teller machines, call centers, and online and mobile banking platforms.

**Responsibilities:**

* Involved in creation of **HLD and LLD document** based on BR/FR and got those reviewed by customers along with detailed project time lines.
* Involved in building the ETL architecture using **Informatica 9.6.1/ 9.5.1** and Source to Target mapping to load data into Data warehouse.
* Providing periodic update to customer on the **coding, unit testing, release** and act as Coordinator between development and business team.
* Creating and modifying **MULTI LOADS** for Informatica using UNIX and Loading data into IDW.
* Loading data from various data sources and legacy systems into Teradata production and development warehouse using **BTEQ, FASTEXPORT, MULTI LOAD, FASTLOAD** and Informatica.
* Creating and modifying **MULTI LOADS** for Informatica using UNIX and Loading data into IDW.
* Performed Proof of Concept for **Informatica Data Quality** (IDQ).
* Worked with different **Teradata utilities** like **BTEQ,** **multi load, fast load and fast export**.
* Used **Metadata manager** for validating, promoting, importing and exporting repositories from development environment to testing environment.
* Performed data quality analysis, gathered information to determine data sources, data targets, data definitions, data relationships, and documented business rules.
* Worked on loading **Flat Files** in to Data warehouse.
* Created mapping documents to outline data flow from sources to targets. Parsed high-level design specification to simple ETL coding and mapping standards.
* As a De facto Release/Configuration coordinate configuration/release management related efforts.

**Environment:** Informatica 9.6.1/9.5.1, Informatica Data Quality 9.5.1 (IDQ), Teradata 14,Netezza, DB2, Oracle, Flat Files, Maestro, Sql Assistant , UNIX, Windows.

**Wellcare, Tampa, FL Informatica Developer Sept’ 12 – Nov’14**

WellCare provides managed care services, focusing on Medicaid and Medicare for seniors, the blind and disabled, and low-income adults, children and families. As part of our customer-focused organization, you will work in a high-energy environment with many opportunities to grow your career. WellCare brands include: Staywell, Missouri Care, Windsor, Easy Choice, 'Ohana, Exactus and Harmony.

**Responsibilities:**

* Involved in all phases of **SDLC** from requirement, design, development, testing and support for production environment.
* Extensively used **Informatica Client tools** like Informatica Repository Manager, Informatica Designer, Informatica Workflow Manager and Informatica Workflow Monitor.
* Used Teradata utilities **FASTLOAD, MULTILOAD, TPUMP to** load data.
* Involved in migration projects to migrate data from data warehouses on Oracle/DB2 and migrated those to **Teradata.**
* As a **Teradata developer**, responsible for maintaining all DBA functions (development, test, production) in operation 24×7.
* Created Sources, Targets in shared folder and developed re-usable transformations, mapplets and user defined function (UDF) to re-use these objects in mappings to save the development time.
* Developed mappings using Mapping Designer and worked with Aggregator, Lookup (connected and unconnected), Filter, Router, Joiner, Source Qualifier, Expression, Stored Procedure, Sorter and Sequence Generator transformations.
* Created mappings which involved **Slowly Changing Dimensions Type 1 and Type 2** to implement business logic and capturing the deleted records in the source systems.
* Involved in migration projects to migrate data from data warehouses on Oracle/DB2 and migrated those to Teradata.
* Experience with high volume datasets from various sources like **Oracle, Text Files and Teradata Tables and XML targets**.
* Used **debugger** extensively to identify the bottlenecks in the mappings.
* Modified **PL/SQL stored procedures** for Informatica mappings.
* Created Sessions and Workflows to load data from the **SQL server, flat file and Oracle** sources that exist on servers located at various locations all over the country.
* Configured the session properties i.e. high value for commit intervals to increase the performance.
* Involved in **unit testing, Integration testing and User acceptance testing** of the mappings.
* Involved in Migrating the Informatica objects using **Unix SVN** from Dev to QA Repository.
* Worked on developing workflows and sessions and monitoring them to ensure data is properly loaded on to the target tables.
* Responsible for scheduling workflows, **error checking, production support, maintenance** and testing of ETL procedures using Informatica session logs.
* **Performance tuning** on sources, targets mappings and SQL (Optimization) tuning.

**Environment:** Informatica Power Center 9.1.1, Flat Files, Oracle 11g, Teradata 12/13, SQL, PL/SQL, TOAD, SQL Assistant, Windows XP, Unix, Perl, Maestro.

**Sears Holding Corporation, Chicago, IL ETL Developer Dec’10- July ’12**

Sears, is an American chain of department stores founded by Richard Warren Sears and Alvah Curtis Roebuck in 1892 and 1906. Formerly based at the Sears Tower in Chicago and currently headquartered in Hoffman Estates, Illinois, the operation began as a mail ordering catalog company and began opening retail locations in 1925. The company was bought by the management of the American big box chain Kmart in 2005, the Kmart management formed Sears Holdings upon completion of the merger.

**Responsibilities:**

* Provided 24 X 7 supports to all the applications
* **System/business analysis** to eliminate various manual processes and permanent fix for various productions.
* Worked on **Informatica - Source Analyzer, Warehouse Designer, Mapping Designer & Mapplet, and Transformations**
* Developed **Informatica mappings** & **tuning** them for better performance
* Created Informatica mappings with **PL/SQL procedures/functions** to build business rules to load data. Used most of the transformations such as the **Source qualifier, Aggregators, Connected & Unconnected Lookups, Filters & Sequence Generator**
* Created the reports for different regions and demands for future forecasting
* Extracted data from various sources like relational databases **Oracle, flat files.**
* Designed and created **Fact tables and Dimensions**
* Scheduled and monitored automated **daily, weekly, monthly** jobs.
* Optimized **Query Performance**, **Session Performance** and **Reliability.**

**Environment:** Informatica Power Center 8.6.1/9.1.1 (Power Center Designer, workflow manager, workflow monitor), Oracle 10g, SQL Server 2008, Erwin, UNIX, Windows 2000, TOAD

**Contour Software Inc., Lahore, PK ETL Developer Jan’09 – Aug’10**

Contour Software Inc., is a leading technology service providers and software development company specializing in systems integration, application development, custom software development, software testing, cloud services, rich web technologies and digital marketing.

**Responsibilities:**

* Design and develop **ETL mappings** and **workflows** using Informatica
* Analyze, design, build, test and document complex data conversion and integration solutions
* Work with business groups to develop and implement business rules to be used for ETL processes
* Manage team code standards, integrity of code base, enforce proper source control and re-usability of extract and load code as well as various standard transformations that will apply to all systems
* Establish policies and best practices for **optimizing ETL data throughput/accessibility**.
* Create and maintain business intelligence and data migration design principles using industry best practices

**Environment:** Informatica Power Center7.1.1/8.1.1, Oracle, Reports 25, SQL, PL/SQL, Windows NT, Erwin, UNIX

**EDUCATIONAL QUALIFICATIONS**:

* Bachelor of Computer Science.