**Professional Summary:**

* Over **7+** years of experience in Information Technology including **Data Warehouse/Data Mart** development using **ETL/ Informatica Power Center** in the field of Information Technology, including in analysis, design, development, testing and Implementation of Business Intelligence solutions
* Experience in SQL database development, query performance tuning, ETL and data analysis and 2years of experience with Big Data Ecosystems including Hadoop Spark, Scala, Map Reduce, Hive, Impala, Sqoop, Flume, Oozie, Zookeeper and NoSQL databases
* Extensive experience in **ETL/Informatica PowerCenter** and data integration experience in developing **ETL mappings** and scripts using **Informatica PowerCenter9.x/8.x/7.x and PowerMart 8.x/7.x.**
* Denodo 6.0 installation in UNIX environment with patch […] Setup LDAP configuration for user access and granted privileges for role and inherited roles (jmxadmin, scheduler\_admin, selfserviceadmin, serveradmin)
* Experience in all the phases of**Data warehouse life cycle**involving **Requirement Analysis, Design, Coding, Testing, and Deployment.**
* Data integration with SFDC and Microsoft Dynamics CRM using **Informatica cloud**
* Expertise in designing and developing Business Intelligence solutions in Data Warehousing and Decision Support Systems using ETL tools like Informatica Power Center, Informatica Data Quality, Informatica Power Exchange, MDM and OBIEE.
* Designed, developed, and support ERP processes and interfaces for business systems solutions
* Designed and Developed ETL Processes in AWS Glue to migrate Campaign data from external sources like S3, ORC/Parquet/Text Files into AWS Redshift
* Experience in working with **business analysts to identify and understand** requirements and translated them into ETL code in Requirement Analysis phase.
* Experience in creating **High Level Design and Detailed Design** in the Design phase.
* Expertise in creating very detailed design documents and performing **Proof of Concepts (POC).**
* Expertise Business Model development with **Dimensions, Hierarchies, Measures, Partitioning, Aggregation Rules, Time Series, Cache Management**.
* Extensively worked on the **ETL mappings, analysis and documentation of OLAP reports** requirements. Solid understanding of OLAP concepts and challenges, especially with large data sets.
* Extensively created **mapplets, common functions, reusable transformations, look-ups for better usability**.
* Well versed in **OLTP Data Modeling, Data warehousing concepts.**
* Expertise in writing Oracle PL/SQL Stored Procedures, Functions, Packages, Cursors, Triggers and Oracle Exadata
* Strong knowledge of **Entity-Relationship concept, Facts and dimensions tables, slowly changing dimensions** and **Dimensional Modeling (Star Schema and Snow Flake Schema).**
* Strong skills in IBM Data Stage SQL queries and Unix
* Experience in integration of various data sources like **Oracle, DB2, Sybase, SQL server and MS access and**non-relational sources like **flat files** into staging area.
* Extensively worked on Informatica Data Quality, Informatica MDM and Informatica Power center projects.
* Experience in Performance Tuning OGG in extremely high data volume environments. Installing and configuring OGG heterogeneous environments from MS SQL Server to Oracle Exadata.
* Experience in handling Hive queries using spark SQL that integrate with spark environment implemented in **Scala**
* Experience in transferring data between a **Hadoop ecosystem** and structured data storage in a RDBMS such as MY SQL, Oracle, Teradata and DB2 using Sqoop.
* Experience in using Informatica Power Exchange (CDC) for Oracle
* Experienced with **Teradata** utilities **FastLoad, MultiLoad, BTEQ** scripting, **Fast Export, SQL** Assitant
* Good understanding of **Views, Synonyms, Indexes, Joins and Sub-Queries**. Extensively used **Cursors and Ref Cursors**.
* Extensively used **SQL, PL/SQL** in writing **Stored Procedures, Functions, Packages and Triggers**.
* Extensive Data virtualization experience in creating Base view, Business View, Derived view and Data source using Denodo 6.0
* Strong knowledge in designing Data Modeling, Data Mart and Data Warehouse and implementation of **QlikView** for providing Business Intelligence Reporting Solutions.
* Assisting the Client in converting the Cognos reports into **QlikView** dashboards and to modify the existing ETL processes, to incorporate the change in business rules.
* Experienced in **UNIX** work environment, **file transfers**, **job scheduling** and error handling.
* Worked on **Performance Tuning**, **identifying** and **resolving performance bottlenecks** in various levels like sources, targets, mappings and sessions.
* Experience in creating **Reusable Tasks (Sessions, Command, Email)** and **Non-Reusable Tasks (Decision, Event Wait, Event Raise, Timer, Assignment, Worklet, Control).**
* Experience in writing, testing and implementation of the **PL/SQL triggers, stored procedures, functions, packages.**
* Involved in **Unit testing, System testing** to check whether the data loads into target are accurate.
* Experience in support and knowledge transfer to the production team.
* Proficient in interaction with the business users by conducting meetings with the clients in Requirements Analysis phase.
* Expert in **Oracle11g/10g, IBM DB2 8.1, Sybase, SQL Server 2008/2005/2008, SQL, PL/SQL Stored procedures, functions, and exception handling using Toad and PLSQL.**
* Experience in configuring and set up of OBIEE Security using LDAP and External Database Tables and configuring object level and database level security.
* Extensive experience in **Tuning** and **scaling** the procedures for better performance by running explain plan and using different approaches like hint and **bulkload**.
* Experience working in **Agile methodology** and ability to manage change effectively.
* Hands on experience in using Spark Streaming programming model for Real time processing of data and stored in HDFS
* Responsible for Team Delivery and Participated in Design Reviews.
* Excellent communication, interpersonal skills, enthusiastic, knowledge-hungry self-starter, eager to meet challenges and quickly assimilate **latest technologies concepts and ideas**

**Technical Summary:**

|  |  |
| --- | --- |
| ETL Tools | Informatica 9.5/9.1/8.6.1/8.1//7.1.2/6.2(PowerCenter), IDQ 9.6.1/9.0.1/8.6,SQL Server SSIS, IBM DataStage, Power Exchange, Informatica Cloud |
| Databases | Teradata V2R12/V2R6, Oracle 11g/10g/9i/8i/8.0/7.x, MS SQL Server 2008/2005, DB2 UDB, MS Access 2000, Sybase |
| Others | Toad, SQL Navigator, TIPCO, Denodo, AWS, Amazon Redshif |
| Programming | SQL, SQL Developer, PL/SQL, Toad 9.2/8.6, SQL Plus, Microsoft Office, SQL Plus, HTML, UNIX Scripting, Core Java, Python |
| Environment | MS Windows 2008/2005 , LINUX, UNIX |

**Professional Experience:**

**Volkswagen, Ann Arbor, MI Aug 16 – June2018**

**Sr. Informatica Developer**

**Responsibilities:**

* Worked with Business Analyst and application users to finalize Data Model, functional and detailed technical requirements
* Responsible for Data Warehouse Architecture, ETL and coding standards
* Used Informatica as ETL tool, and stored procedures to pull data from source systems/ files, cleanse, transform and load data into databases
* Participated in analysis and designing of Oracle Exadata Server for infrastructure and related projects. Assisted in integration of Exadata applications into current IT actionable events and solutions.
* Setting up High Availability Oracle GoldenGate OGG systems on Oracle 11gR2 RAC environments Front-end: IBM p770/AIX 6.1, Back-end: Oracle Exadata X4 Full Rack
* Created detailed Technical specifications for Data Warehouse and ETL processes
* Created **formatted addresses** that confirm regulatory requirements and improved the data quality of addresses using **Address validator**
* Created external tables with partitions using Hive, AWS Athena and Redshift
* Developed ETL applications using SAP Data Integrator, Informatica Power Center, PL/SQL, Oracle SQL Loader, Excel VB scripts using TIPCO XML/Web Services
* Develop, maintain and enhance ERP applications and solutions
* Developed and designied POCs using Scala and deployed on the Yarn cluster, compared the performance of Spark, with Hive and SQL/Teradata.
* Developed workflows for complete end to end ETL process starting with getting data into HDFS
* Configured Denodo cashing in separate oracle database to improve performance related task. Also worked in Denodo code migration using VQL script
* Built an EDI (Electronic Data Interchange) between Human Resource System (Kronos, Ultipro, and Cactus) to ERP
* Extracted the raw data from Microsoft Dynamics CRM to staging tables using Informatica Cloud
* Designed, developed, and implemented transportation forecast system using multiple data sources, SQL, and ERP systems
* Developed and executed a migration strategy to move Data Warehouse from an Oracle platform to AWS Redshift
* Data migration from Oracle to Exadata of the Vehicle warehouse.
* Experience in generating Score Cards for column profiling in each stage of data analyzed
* Extensive experience in creating Base view, Business View, Derived view and Data source using Denodo 6.0
* Created several session and workflows in **IDQ** which we deployed in **Power Center**
* Extracted data from SAP R/3 and loaded into Oracle Data Warehouse
* Designed, Build, Test and deploy Spark SQL programs in SCALA
* Developed spark code and spark-SQL/streaming for faster testing and processing of data
* Strong understanding of the data modeling (Dimensional & Relational) concepts like star schema and Snowflake schema and worked extensively on IBM BDW (Banking Data warehouse) model
* Used Transformations like Look up, Router, Filter, Joiner, Stored Procedure, Source Qualifier, Aggregator and Update Strategy extensively
* Implemented NRT data processing solutions using Power Exchange CDC on Oracle DB, and performed POC on processing the JMS queues to process the data as in when occurred.
* Tuned performance of Informatica session for large data files by increasing block size, data cache size, sequence buffer length and target based commit interval
* Created Mapplets and used them in different Mappings
* Created and configured new batch job in Denodo scheduler with email notification capabilities
* Developed stored procedure to check source data with warehouse data and if not present, write the records to spool table and used spool table as lookup in transformation
* Developed Sqoop jobs to extract data from Teradata/oracle into HDFS
* Worked with Informatica power center 9.5 to extract the data from IBM Mainframes DB2 sources into Teradata
* Worked with designing and analysis of TIPCO Middleware
* Done extensive bulk loading into the target using Oracle SQL Loader
* Did **Application tuning and Disk** I/O tuning to enhance the performance of the system.
* Involved in doing error handling, **debugging and troubleshooting Sessions** using the Session logs, Debugger and Workflow Monitor
* Documented Cleansing Rules discovered from data cleansing and profiling
* Duplicate all the non-production databases on Exadata server according the Data Warehouse development project's
* Managed Scheduling of Tasks to run any time without any operator intervention
* Migrated Integrated Salesforce data from Salesforce Cloud to Oracle and SQL Server for reporting purposes using Informatica Cloud mappings
* Experienced in Debugging and Performance tuning of targets, sources, mappings and sessions
* Defined system trust and validation rules for base object columns
* Involved in match rule sets, Match columns for match and Merge process in improving **data quality** by **Batch Analysis**
* Installing and Configuring of Informatica **MDM Hub Console**, Hub Store Cleanse and Match Server Address of Informatica PowerCenter applications
* Implemented the pre-land and land process of loading the **dataset** into Informatica **MDM Hub**
* Configured and documented the Informatica **MDM** Hub to perform loading, cleansing, matching, merging and publication of **MDM** data
* Worked on Real Time Integration between MDM Hub and External Applications using SIF API for JMS
* Executed batch jobs and batch job group using **Batch Viewer**
* Implemented parallelism for executing batch jobs using **Merge Manager**
* Performed Data Steward activities like **manual merge/unmerge** and **uploading** data
* Implementing **auto merge and manual merge** for best version of Truth
* Deployed and monitored scalable infrastructure on Amazon web services (AWS) & configuration management
* Tested ETL scripts to extract multi-gigabyte data sets from Oracle 11g data warehouse for loading to proprietary Amazon Redshift data warehouse
* Finally created Data Validation document, **Unit Test Case Document**, **Technical Design document**, **Migration request document** and **Knowledge transfer document.**

**Environment:** Informatica Power Center 9.5, Informatica Cloud, Scala, spark, Hive, Sqoop, AWS, Teradata,IDQ 9.6.1,QlikView, Oracle 11g, Exadata, Power Exchange, SAP R/3, Flat files, MS SQL server 2008, DB2 8.0,Oracle FCCM, OBIEE Erwin, Winscp, TIPCO, Mercury Quality Center, Shell Script, UNIX.

**Toyota , Erlanger, KY Jan ’15 - Aug ’16**

**ETL Developer**

**Responsibilities:**

* Conducted **JAD sessions** with business users and **SME's** for better understanding of the reporting requirements.
* Design and developed end-to-end ETL process from various source systems to Staging area, from staging to Data Marts.
* Develop **high level** and **detailed level** technical and functional documents consisting of Detailed Design Documentation function test specification with use cases and unit test documents
* Developed and tested extraction, transformation, and load (ETL) processes
* Analysis of **source systems** and work with business analysts to identify study and understand requirements and translate them into ETL code
* Handled technical and functional call across the teams
* Built an EDI between Sales System (Salesforce) and ERP
* Responsible for the Extraction, Transformation and Loading (ETL) Architecture & Standards implementation
* Responsible for offshore Code delivery and review process
* Created QlikView scorecards, dashboards using stack bars, bar graphs, scattered plots, geographical maps, Gantt charts using show me functionality
* Built ETL jobs using SSIS to bring in container shipping status and integrated to JDEdward an ERP system
* Analyzed different Data Virtualization platforms like Denodo and implemented in banking domain for digital data
* Involved in converting Hive/SQL queries into Spark transformations using Spark with Scala
* Worked in all phases of Data Integration from heterogeneous sources, legacy systems to Target Database
* Installing and Configuring of Informatica MDM Hub Console Hub Store, Process Server, Address Doctor and Informatica Power Center applications.
* All facets of MDM implementations including Data Profiling, metadata acquisition, data migration, validation, reject processing and pre-landing processing.
* Performing requirement gathering, analysis, design, development, testing, implementation, support and maintenance phases of both MDM and Data Integration Projects
* Master Data Management MDM Data Integration concepts in large scale implementation environments.
* Involved in implementing the **Land Process of loading the customer/product Data Set** into Informatica MDM from various source systems
* Worked on Informatica PowerCenter tool – Source Analyzer, Warehouse designer, Mapping and Mapplet Designer, Transformations, Informatica Repository Manager, Informatica Workflow Manager and Workflow Monitor
* Experience in designing and deploying AWS Solutions using EC2, S3, and EBS, Elastic Load balancer (ELB), auto-scaling groups and OpsWorks.

Integrating and optimizing DB with data virtualization solutions, such as Denodo cache, for performance at high transaction volumes

Automated and scheduled daily data loads of QVW documents using QlikView Publisher

Worked on Symbol maps, Bubble chart, Drill down analysis using QlikView desktop

* Worked with different **Caches** such as Index cache**, Data cache, Lookup cache** (Static, Dynamic and Persistence) and Join cache while developing the Mappings
* Created **partitions** for **parallel** processing of data and also worked with DBAs to enhance the data load during production
* Created Complex ETL Packages using SSIS to extract data from staging tables to partitioned tables with incremental load
* Performance tuned **informatica** session, for large data files by increasing block size, **data cache size**, and target based **commit**
* Worked on **CDC (Change Data Capture)** to implement **SCD (Slowly Changing Dimensions) Type 1 and Type 2**
* Worked with data Extraction, Transformation and Loading data using **BTEQ, Fast load, Multiload**
* Used the Power Exchange for Change Data capture (CDC) option to capture the data as soon as they occur in Oracle tables
* Used the Teradata **fast load/Multiload utilities** to load data into tables
* Involved in writing a procedure to check the up-to-date statistics on tables
* Used Informatica command task to transfer the files to bridge server to send the file to third party vendor.
* Took part in migration of jobs from **UIT** to **SIT** and to **UAT**
* Testing was performed to detect incompatibilities between Oracle's and Redshift's version of SQL.
* Created **FTP** scripts and Conversion scripts to convert data into flat files to be used for Informatica sessions

**Environment:** Informatica PowerCenter 9.1, Power Exchange, Informatica Cloud, Spark, Hive, Sqoop, Scala, AWS, IDQ 9.0.1, Oracle 9i, Teradata, Fast load, Multiload, Teradata SQL Assistant, MS SQL Server 2012, SQL, T-SQL, SQL\*Plus, TOAD, Erwin, AIX,Oracle FCCM, OBIEE TIPCO, Shell Scripts, Autosys, Unix.

**Siemens Healthcare, Norwood, MA May’ 13 – Dec’14**

**ETL Developer**

**Responsibilities:**

* Prepared the required application design documents based on functionality required
* Designed the ETL processes using Informatica to load data from Oracle, DB2 and Flat Files to staging database and from staging to the target database
* Implemented the best practices for the creation of mappings, sessions and workflows and performance optimization.
* Involved in migration of mappings and sessions from development repository to production repository
* Extensively used Informatica and created mappings using transformations like Source Qualifier, Joiner, Aggregator, Expression, Filter, Router, Lookup, Update Strategy, and Sequence Generator
* Designed and developed the logic for handling slowly changing dimension tables load by flagging the record using update strategy for populating the desired
* Installing and Configuring of Informatica MDM Hub Console, Hub Store Cleanse and Match Server Address of Informatica PowerCenter applications
* Involved in performance tuning and optimization of Informatica mappings and sessions using features like **partitions**, index cache to manage very large volume of data
* Created Stored Procedures to transform the Data and worked extensively in PL/SQL for various needs of the transformations while loading the data
* Created logging for ETL load at package level and task level to log number of records processed by each package and each task in a package using SSIS
* Translated Business specifications into PL/SQL code. Extensively developed and fine-tuned Oracle **Stored Procedures and triggers**
* Used Update Strategies for cleansing, updating and adding data to the existing processes in the warehouse
* Defects are logged and change requests are submitted using defects module of Test Director using **HP Quality Center**
* Worked with different Informatica tuning issues and fine-tuned the transformations to make them more efficient in terms of performance
* Involved in Unit testing, User Acceptance testing to check whether the data is loading into target, which was extracted from different source systems according to the user requirements
* Involved in production support working with various tickets created while the users working to retrieve the database

**Environment:** InformaticaPowerCenter 8.6.1, IDQ 8.6, Informatica Cloud, Power Exchange, Business Objects, Oracle 10g, TOAD, Erwin, SQL, PL/SQL, XML, HP UNIX, Test Director/Quality Center

**Northwestern Mutual Milwaukee, WI Feb ’12 – May ’13**

**ETL/Informatica Developer**

**Responsibilities:**

* Created detailed Technical specifications for the ETL processes
* Performed ILIT (Irrevocable Life Insurance Trust) implementation and replacement activities
* Assisted the team in the development of design standards and codes for effective ETL procedure development and implementation
* Used Informatica as ETL tool, and **storedprocedures** to pull data from **sourcesystems**/ **files**, **cleanse**, **transform** and **load** data into databases
* Worked on **Informatica- Source Analyzer, Warehouse Designer, Mapping Designer & Mapplet**, and **Transformation Developer**
* Developed the **Informatica mappings** using various transformations, Sessions and Workflows. **SQL Server** was the **target database, Source database** is a **combination** of **Flat files, Oracle tables, People Soft, Excel files, CSV files etc**.
* Worked with different **Caches** such as **Index cache, Data cache, Lookup cache (Static, Dynamic and Persistence)** and **Joincache** while developing the **Mappings**
* Responsible for **Unit Testing, Integration Testing** and helped with **User Acceptance Testing**.
* Involved with the **DBA** in **performance tuning** of the **Informatica** sessions and **workflows**. Created the reusable transformations for better performance.
* Optimizing the **Mappings** and implementing the complex business rules by creating **re-usable** transformations and **mapplets**
* Involved with the DBA in performance tuning of the Informatica sessions and workflows. Created the reusable transformations for better performance
* Involved in writing UNIX shell scripts for Informatics ETL tool to run the Sessions
* Fixing and tracking mapping defects and implementing with enhancements
* Managing post production issues and delivering task/projects within specific timeline
* Involved in the mirroring of the staging environment to production
* Worked on Modification of **Actuate report** to upload and run reports on servers
* Worked on **Autosys**to schedule jobs, define dependencies and etc
* Collaborated with teams for **migration** and **Production** Deployment activities
* Scheduling Informatica jobs and implementing dependencies if necessary using Tidal Scheduler
* Responsible for performing SQL query optimization using Hints, Indexes and Explain plan
* Using Perforce as a versioning tool for maintaining revision history for code
* Managed production issues and delivered all assignments/projects within specified time lines

**Environment:** InformaticaPowerCenter 8.1 IBM UDB DB2, SQL server 2008, SSIS, doc Loader, Embarcadero Rapid SQL 7.7.1, Autosys, Text Exceed 14, UNIX.

**GE, Bangalore India Jun’11–Feb ’12**

**Informatica Developer**

**Responsibilities:**

* Imported various Sources, Targets, and Transformations using Informatica Power Center Server Manager, Repository Manager and Designer
* Created and managed the global and local repositories and permissions using Repository Manager in Oracle Database.
* Responsibilities included source system analysis, data transformation, loading, validation for data marts, operational data store and data warehouse
* Used heterogeneous files from **Oracle, Flat files and SQL server as source and imported stored procedures from oracle for transformations**
* Designed and coded maps, which extracted data from existing, source systems into the data warehouse
* Used Dimensional Modeling Techniques to create **Dimensions, Cubes and Fact tables**
* Written PL/SQL procedures for processing business logic in the database. Tuned SQL queries for better performance.
* Scheduled Sessions and Batch Process based on demand, run on time, run only once using Informatica Server Manager
* Generated completion messages and status reports using Informatica Server manager
* Tuned ETL procedures and STAR schemas to optimize load and query Performance
* Starting Sessions and Batches and make Event based scheduling
* Managed migration in a multi-vendor supported Server and Database environments

**Environment:** Informatica PowerCenter 7.1.2, DB2 v8.0, SQL, Windows 2000, UNIX, SQL Server 2000, Oracle 8i, Flat files, SQL \*Plus, Business Objects 5.1.6