# Around 6+ years of experience in IT industry in data warehousing and experience in designing and implementing **Data Warehouse** applications using **ETL tool Informatica Power Center 9.6.1, 9.5.1, 9.1.1, 8.x, 7.x** to transfer the data from legacy systems to common/ different targets.

* Solid experience in **Developing/Optimizing/Tuning mappings** using Informatica.
* Worked on various types of transformations like **Lookup, Update Strategy, Stored Procedure, Joiner, Filter, Aggregator, Rank, Router, Normalizer, Sorter, External Procedure, Sequence Generator, and Source qualifier and SCD Type-2** etc.
* Expertise using Debugger, Mapping wizards, Workflow administrator and Workflow Monitor.
* Expertise in **Create/ Build/Run/Schedule Batch Job streams, Sessions, Workflows** using the Workflow Manager, Server Manager.
* Sound knowledge in creating **Tasks, Sessions, Worklets and Workflows in Workflow manager/designer**.
* Expertise monitoring workflows, pipeline partitioning, configuring email.
* Worked with complex mappings using different transformations such as **Source Qualifier, Expression, Filter, Joiner, Router, Update Strategy, Union, Rank, Normalizer, Unconnected / Connected Lookup, Java, Sorter, Sequence Generator and Aggregator.**
* Design Source to Target maps, Code Migration, Version control, scheduling tools, Auditing, shared folders, data movement, naming in accordance with ETL Best Practices, Standards and Procedures.
* Focused on fixed and de-limited flat files, also worked with direct and indirect file loads.
* Worked in various Heterogeneous Database Systems like **Oracle, Teradata, MS SQL Server flat files, XML documents**, CSV, Excel and Legacy systems.
* Proficient in dimensional modeling using Star schema and Snowflake schema, identifying Facts and Dimensions tables, data profiling, data cleansing and Data Staging of operational sources using ETL processes, Surrogate keys, Normalization/De normalization providing data mining features for data warehouses.
* Vast Knowledge in **Data Warehouse Development Life Cycle** where all dimensions of development including **Extraction, Transformation and Loading (ETL)** data from various sources into **Data Warehouses and Data Marts** using **Informatica Power Center**
* Streamlined in testing data flow by using **Debugger** and tuning the Data Warehouse which **includes Oracle SQL query tuning and Informatica Power center for finding out bottlenecks**
* Good knowledge in working with **Slowly Changing Dimension (SCD)** Management type 1 and 2
* Worked on high volume datasets from various sources like **Oracle, SQL Server, PL SQL, MY SQL Flat Files** and **XML**
* Worked closely with data modelers on Erwin tool for dimensional modeling of Star schema.
* Involved in the Migration process from Development, Test and Production Environments
* Good knowledge in **UNIX Shell Scripting** and **Autosys** for scheduling the Workflows
* Experienced in working with large teams in a Data Warehousing Environment
* Self-motivated, a very quick learner and a good team player
* Good communication skills, learning skills with strong presentation and ability to interact with people at any levels
* Good understanding of Views, Synonyms, Indexes, Joins, and Sub-Queries.
* **TECHNICAL SKILLS:**

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| **ETL Tools/Data Warehousing** | Informatica Power Center 9.1.0/9.0.1/8.6.1/8.5/8.1/7.1, Data Mart, OLAP, OLTP, Informatica Power exchange 8.x/9.1.0 |
| **Languages** | SQL, PL/SQL, MY SQL, UNIX Shell Script, XML |
| **Data Modeling** | Star Schema, Snowflake Schema, Fact and Dimension Tables, Physical and  Logical data Modeling, Erwin 4.0 |
| **Environment** | Windows NT/2000/Windows XP/Windows Vista/ Windows7, UNIX, MS Visio, MS-DOS |
| **Data Bases** | Oracle 11g/10g/9i, MS SQL Server 2005/2008, DB2, Teradata |
| **Other Tools and Utilities** | Flat File, SQL Plus, SQL Navigator, Autosys, MS-Office |

**Work Experience:**

**Client – Cigna Health Care, Hartford, CT 12/2017 - Present**

**Role - Sr. Informatica Dev**

* Analysis and designing the **ETL architecture, creating templates, development, Data migration, deployment, maintenance.**
* Create and maintain database storage structures and objects on Oracle database where ever required.
* Worked with Source Analyzer, Warehouse designer, Mapping, Mapplet Designer, Transformations, Informatica Repository Manager, Workflow Manager and Monitor
* Develops programs on Informatica as specified in Technical Designs ensuring that all Data Integration programming standards and policies are adhered to.
* Develops Unit Test Plans to test Informatica programs and completes QA Peer.
* Review documentation ensuring that all Data Integration standards and policies are adhered to
* Assist in Performance Tuning of ETL Processes to provide optimal performance under ever-increasing data volumes.
* Developed complex aggregate, joiner, look up transformation rules (business rules) to generate consolidated data.
* Worked on SQL tools like **Data point** which had ORACLE and Sybase Environments to run SQL queries to validate the data.
* Extensively worked on Data Cleansing, Data Analysis and monitoring using **Data Quality (IDQ) and implemented Master Data Management MDM** for patient identification.
* Worked on **Power Center Client Tools** like **Designer, Workflow Manager, Workflow Monitor, and Repository Manager**.
* Involved in writing various UNIX Shell scripting command tasks like create, delete, ftp and archive tasks
* Created various ETL codes based on source to target documentation and system designs to fulfill the need of the business
* Make sure that Quality Assurance test plans are well executed before releasing product enhancements for User Acceptance Testing
* Identified bottlenecks in source, target mappings and sessions and had to tune them for optimum performance

**Client – Lilly, Indianapolis, IN 09/2015 - 11/2017**

**Role - Sr. Informatica Dev**

* Designed ETL processes by leveraging SQL scripting and Enterprise Data Integration tools
* Extracted structured and unstructured data from source systems, transforming them to fit dimensional models. Data source formats include relational databases, flat files and non-relational structures such as XML
* Assisted with the mapping of processes, monitoring the data and analyzing data sources
* Worked with Client with extensive data integration and transformation
* Used various active and passive transformations such as Aggregator, Expression, Router, Filter, Sorter, Joiner, connected/unconnected Lookup, and Update Strategy transformations for data control, cleansing, and data movement
* Comprehensively used Normal Join, Full Outer Join, Detail Outer Join, and Master Outer Join in the Joiner Transformation
* Creating/Building and Running Sessions/workflows and worklets using the Workflow Manager/ Workflow Monitor
* Designed and implemented proper error handling procedures
* Prepared and maintained technical documentation for all new or modified Repository objects and ETL Mapping
* Involved in designing of Star Schema based data model with dimensions and facts
* Participated in designing of new data warehouse tables as per need
* Designed and conducted unit tests for new or changed repository objects and ETL mappings
* Converted Business processes into Informatica mappings for building Data marts
* Monitored and optimized the performance of the ETL routines and environment
* Used Workflow Manager for Creating, Validating, Testing and running the sequential, parallel, and initial and Incremental Load
* Performed migration strategies between development, test and production repositories

**Client – Rx Advance, Southboro, MA 10/2014 – 08/2015**

**Role - Sr. Informatica Dev**

* Developed various Mappings with the collection of all Sources, Targets, and Transformations using Designer
* Performed extraction, transformation and loading of data from **RDBMS** **tables** and **Flat** **File sources** into Oracle 9i RDBMS in accordance with requirements and specifications
* Designed and developed, mapplets and re-usable transformations, and used them in different mappings
* Used **Debugger** to test the data flow and fix the mappings
* Performed **unit testing** and integration testing from source to target
* Worked with Connected & Unconnected Lookups, Router, Expressions, Source Qualifier, Aggregator, Filter, Sequence Generator, Union, etc
* Developed mapping **parameters** and **variables** as per the requirement
* Created Complex mappings using Unconnected, Lookup, and Aggregate and Router transformations for populating target table in efficient manner.
* Created Mapplet and used them in different Mappings.
* Performed unit testing for all the mappings.
* Documented all performed tasks.

**Client – Blue Water Technologies, India 05/2013 - 09/2014**

**Role - Informatica Dev**

* Designed physical and logical database structures/diagrams.
* Created tables, relationships, triggers and indexes for enforcing business rules.
* Used SQL Profiler to estimate the Slow Running queries and performance tuning purpose.
* Wrote different complex SQL queries including inner, outer join and update queries.
* Developed reports for payment and BI Count to show organizational and seasonal comparison.
* Incremental and full database recovery with experience of complex recovery scenarios.
* Worked on DTS Package, DTS Import/Export for transferring data from various heterogeneous sources to SQL Server.
* Created packages using SSIS for data extraction from Flat Files, Excel Files OLEDB to SQL Server.
* Created Queries, Stored Procedures for generating drill down reports in SSRS.
* Designed and implemented stylish report layouts.
* Responsible for scheduling the subscription reports with the subscription report wizard.
* Responsible for report generation using SQL Server reporting services based on business requirements.
* Responsible to provide production support to the client.