**Arshita Patel**

**Informatica Developer**

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#### SUMMARY:

* Over 8 years of Strong experience in Complete Software development Life cycle (**SDLC**) which includes Business Requirements Gathering, **System Analysis**, **Design**, **Development**, and **Implementation** of Data Warehouse.
* About 6 years experience in Data Warehouse using **Informatica PowerCenter v 9.5.1/9.1/8.6/8.5./8.1/7.1//6.1 (Repository Manager, Mapping Designer, Workflow Manager, Mapplet Designer, Transformation Designer, Warehouse Designer, Star & Snowflake Schemas, using ETL tool Informatica on Oracle, SQL Server Databases etc)**.
* Working knowledge of **Informatica Power Exchange** to support **Data Integration** requirements.
* Strong experience in **installation** of Informatica and **configuration** of Informatica PowerCenter 9.5.1
* Experience working with SQL Server Integration Services (SSIS)
* Experience in using **Oracle 10g/9i/8i, Netezza, MS SQL Server 2005, MS Access 2007, SQL, PL/SQL.**
* Experience in building operational data stores (ODS), data marts, and enterprise data warehouses
* Worked with Dimensional Data warehouses in **Star and Snowflake Schemas, Slowly changing dimensions** and created slowly growing target mappings, **Type1/2/3** dimension mappings.
* Proficient in transforming data from various sources (**flat files, XML, Oracle**) to Data warehouse using **ETL** tools.
* Extensively worked on **transformations** such as **Source Qualifier, Joiner, Filter, Router, Expression, Lookup, Aggregator, Sorter, Normalizer, Update Strategy, Sequence Generator and Stored Procedure transformations.**
* Extensively experience in developing Informatica **Mappings / Mapplets** using various Transformations for Extraction, Transformation and Loading of data from Multiple Sources to Data Warehouse and Creating **Workflows** with **Worklets** & **Tasks** and **Scheduling** the **Workflows**.
* Extensively involved in **Informatica performance** issue and **Database performance** issue.
* Experience in design of logical and physical **data modeling** using E/R studio.Expertise in using **SQL\*LOADER** to load Data from external files to Oracle Database.
* Worked with various **SQL Editors** such as **TOAD**, **SQL Plus**, **and Query Analyzer**.
* Extensive experience in writing **PL/SQL programming units like Triggers, Procedures, Functions and packages** in **Unix** and **windows** environment.
* Strong experience in **RDBMS** (Oracle and MS Access).
* Expertise in **error handling, debugging and problem fixing in Informatica.**
* Exposure to **on-shore and off-shore** support activities
* Excellent verbal and communication skills, has clear understanding of business procedures and ability to work as an individual or as a part of a team.

#### TECHNICAL SKILLS:

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| **ETL Tools** | Informatica PowerCenter 9.5.1/9.1/8.6/8.5/8.1/7.1/6.1, Informatica Data Analyzer 8.5/8.1, Informatica Power Exchange, Data cleansing, OLAP, ROLAP, MOLAP, Autosys, Control M, Star Schema, Snowflake Schema, OLTP, SQL\*Plus, SQL\*Loader |
| **Data Modeling** | Erwin 7.2/7.0, Toad, Oracle Designer, PL/SQL Developer 5.1.4. |
| **Databases** | Netezza, Oracle 11g/10g/9i/8i, MS SQL 7.0, SQL Server 2005/2000, MS Access. |
| **Programming** | C, C++, SQL, PL/SQL, T-SQL, SQL\*Plus, HTML, UNIX Shell Scripting. (AIX) |
| Reporting Tools | Business Objects XI 3.1/X1 R2,Crystal Reports 2008/XI,Cognos 8.4 |
| **Environment** | UNIX, Windows 2000/2003/XP/Vista. |

**EDUCATION:**

* **Bachelor of Technology in Computer Science and Engineering, India**

**PROFESSIONAL EXPERIENCE:**

**Performance Food Group Corporation (PFGC), Richmond, VA Jan 2012 - Till Date**

**Role: ETL Informatica Developer**

PFG is one of the nation's largest foodservice distributors. Our network of distribution facilities process, package and distribute the finest quality food and food-related products to our customers. We're also the country's leading candy, snack and beverages distributor - our products end up in vending machines, concession stands, theaters and big box stores nationwide.

**Responsibilities:**

* Implemented **CDC** by tracking the changes in critical fields required by the user.
* Worked with **Oracle, DB2, SQL Server, Netezza, Informix and Flat file** sources.
* Developed standard and reusable mappings and mapplets using various transformations like Expression, Aggregator, Joiner, Router, Lookup (Connected and Unconnected) and Filter.
* Extensive use of **Persistent cache** to reduce session processing time.
* Identified **performance issues** in existing sources, targets and mappings by analyzing the data flow, evaluating transformations and tuned accordingly for better performance.
* Setup the batches, configured the sessions and scheduled the loads as per requirement using UNIX scripts
* Extensively worked in fixing poorly designed mappings and developed schedules to automate the Informatica workflows
* Validation of **Informatica mappings** for source compatibility due to version changes at the source.
* Trouble shooting of long running **sessions** and fixing the issues.
* Prepared the documentation for the mappings and workflows.
* Made use of **Post-Session success** and **Post-Session failure** commands in the Session task to execute scripts needed for clean up and update purposes.
* Integration of **source systems** data on to the warehouse system.
* Involved in **Unit testing, Integration testing,** UAT by creating test cases, test plans and helping Informatica administrator in deployment of code across Dev, Test and Prod Repositories.
* Created test plans and did unit testing for the Informatica mappings and stored procedures
* Involved in **Unit testing, User Acceptance Testing** to check whether the data loads into target are accurate, which was extracted from different source systems according to the user requirements.
* Preparing and using **test data/cases** to verify accuracy and completeness of ETL process.
* Actively involved in the production support and also transferred knowledge to the other team members.
* Co-ordinate between different teams across circle and organization to resolve release related issues.

**Environment:** Informatica PowerCenter 9.5.1 (Power Center Repository Manager, Designer, Workflow Manager, and Workflow Monitor), SQL Server 2008, Netezza, DB2 8.1, XML, Autosys, Oracle 11g, TOAD, SQL, PL/SQL, UNIX, **Active**

**Alere Health Inc, Upper Saddle River, NJ. June2010-Dec 2011**

**Role:-Senior Informatica Developer**

### By actively connecting diagnostics and health management solutions Alere gives medical professionals and consumers the tools they need to make more informed healthcare choices. The result? Alere empowering people by putting them on a faster path to the best care.

**Responsibilities:**

* Worked closely with client in understanding the Business requirements, data analysis and deliver the client expectation.
* Used Informatica **PowerCenter 8.6.1/8.5** and its all features extensively in migrating data from OLTP to Enterprise Data warehouse.
* Extensively used **Erwin** for **Logical and Physical data modeling** and designed **Star Schemas**.
* Extracted data from different sources like **Oracle,** **flat files, XML, DB2** and **SQL Server** loaded into DWH.
* Experience working with SQL Server Integration Services (SSIS)
* Created complex mappings in PowerCenter Designer using **Aggregate, Expression, Filter, and Sequence Generator, Update Strategy, Union, Lookup, Joiner, XML Source Qualifier and Stored procedure transformations.**
* Developed **mappings/Reusable Objects/mapplets** by using mapping designer, transformation developer and mapplet designer in Informatica **PowerCenter 8.6.1/8.5**
* Used Informatica **PowerCenter 8.6.1/8.5.** for **extraction, loading and transformation** (ETL) of data in the data warehouse.
* Strong knowledge of data warehousing, data modeling and other concepts
* Worked on **power exchange** to create **data maps**, pull the data from **mainframe**, and transfer into **staging area**.
* Experience in building operational data stores (ODS), data marts, and enterprise data warehouses
* Handle **slowly changing dimensions** (Type I, Type II and Type III) based on the business requirements.
* Used **Informatica Power Center Workflow manager** to create sessions, batches to run with the logic embedded in the mappings.
* Automated the jobs thru scheduling using Maestro scheduler, which runs every day by maintaining the data validations
* Involved in creation of **Folders**, **Users, Repositories** and **Deployment Groups** using Repository Manager
* Used Business Objects Designer to implement Universe, Linkages between Tables, create prompts and queries, and parse the Universes, applied Contexts and Alias Tables to remove cyclic dependencies..
* Developed **PL/SQL** and **UNIX Shell Scripts** for scheduling the sessions in Informatica.
* Involved in scheduling the informatica workflows using **Autosys.**
* Migrated mappings, sessions, and workflows from development to testing and then to Production environments.
* Involved in **Performance tuning** for sources, targets, mappings and sessions.
* Performed **unit testing** on the Informatica code by running it in the **Debugger** and writing simple test scripts in the database thereby tuning it by identifying and eliminating the **bottlenecks** for optimum **performance**.
* Wrote **PL/SQL** stored procedures & triggers, cursors for implementing business rules and transformations.
* Worked extensively with different caches such **as Index cache, Data cache and Lookup cache (Static, Dynamic, Persistence and Shared).**
* Created deployment groups, migrated the code into different environments. Worked closely with reporting team to generate various reports.

**Environment:** Informatica PowerCenter v 8.6.1/8.5 (Power Center Repository Manager, Designer, Workflow Manager, and Workflow Monitor), SQL Server 2005, DB2 8.1, XML, Autosys, Oracle 10g, TOAD, SQL, PL/SQL, UNIX, **Active**

**Client: The Health Net Inc, Wood land hills, LA Mar 08-Jun 10**

**Role: ETL/Informatica Developer:**

The Health Net Inc is one of the largest Health Care providers in California State in the United States. This Project deals with HPS & SPA Applications of Health Net. The objective of this project is to provide complete Prospects and Renewal health policies information of HPS & SPA in form of ad hoc reports. These two applications currently generate huge amount of information that would help the organization better service its members. It includes developing of Universe and Reports for Contracts, Renewals, Marketing and Underwriter Process Associates in HPS & SPA Applications. It also involves the enhancements for existing reports in SPA. Reports are developed in Business Objects 6.5 for Renewals of existing policies, for prospects and for Group Profiles. As part of the e-Watson Reporting Project, there is a need to extract data from the some kind of XML/XSLT files and **PegaTransactional database**, and **Oracle** transform and load into the Dw-Sybase Reporting database which is the data source for Business Objects reports. BO reports are mainly used by Business Process Associates in SPA and HPS Applications.

It also involves the up gradation of existing Universe and Reports from Business Objects XI R2 Environment to Business Objects XI R3 Environment.

**Responsibilities:**

* Responsible for **definition**, **development** and **testing** of processes/programs necessary to extract data from operational databases, **Transform** and **cleanse data**, and **Load** it into data warehouse using **Informatica Power center**.
* Developed the repository manager, users, user groups and their access profiles.
* Extracted data from different sources like **DB2, SQL server, flat files** and loaded into DWH.
* Developed complex **mappings** in **Power Center Designer** using **Expression, Filter, Sequence Generator, Update Strategy, Joiner** and **Stored procedure** transformations.
* Developed **connected** and **unconnected Lookup** transformations to lookup the data from the source and target tables.
* Wrote **SQL, PL/SQL, stored procedures** for implementing business rules and **transformations**.
* Used data miner to process raw data from flat files.
* Used the **update strategy** to effectively **migrate** data from **source** to **target**.
* Developed **SQL queries, stored procedures, views, triggers, T-SQL** and **DTS/SSIS**.
* Developed and documented **Mappings/Transformations, Audit procedures** and **Informatica sessions**.
* Used **Informatica PowerCenter Workflow** to create **sessions** and run the logic embedded in the mappings.
* Involved in **unit, integration** and **system tests** for Data warehouse.

**Environment:** Informatica PowerCenter 7.1.1/7.x (Repository Manger, Designer, Workflow Monitor, Workflow Manager), Flat files, DB2, SQL server 2005, SSIS, SQL, PL/SQL, Win 2000.

**BMW Financial Services, Hilliard, OH Oct 2006-Feb 2008**

**Role:-ETL Developer**

BMW financial services offer a variety of leasing and financing options to its valued customers for which they have built various data marts which included consolidating 12 data marts into 5 and removing the redundant information from the data w1arehouse, also worked on the development of a new historical data mart.

**Responsibilities:**

* Extensively used **Informatica PowerCenter 7.1./6.1** to extract data from various sources and load in to staging database.
* Extensively used **transformations** such as **Source Qualifier, Aggregator, Expression, Lookup, Router, Filter, Update Strategy, Joiner, Transaction Control** and **Stored Procedure**.
* Extensively used ETL to load data from multiple sources to Staging area (Oracle 9i) using Informatica PowerCenter 7.1 Worked with pre and post sessions, and extracted data from Transaction System into **Staging Area**. Knowledge of Identifying **Facts** and **Dimensions** tables.
* Tuned **sources, targets, mappings** and **sessions** to improve the performance of data load.
* Designed Logical and Physical Modeling using **Erwin** Data Modeler tool.
* Experience in data migration of Informatica **Mappings, Sessions**, and **Workflows** to Data Integrator.
* Involved in the Development of Informatica **mappings** and **mapplets** and also tuned them for Optimum performance, Dependencies and Batch Design.
* Created Several **Informatica Mappings** to populate the data into **dimensions** and **fact** tables.
* In charge of converting data using **SQL Server 2005** using **SSIS**.
* Worked cooperatively with the team members to identify and resolve various issues relating to Informatica and other database related issues.
* Designing mapping templates to specify high level approach.

**Environment:** Informatica PowerCenter 7.1./6.1, Oracle 10g/9i, PL/SQL, TOAD, SQL\*Plus, Erwin, Windows, UNIX**.**

**Zensar Technologies, Pune, India Dec 2005 – August 2006**

**Role:-PL/SQL Developer**

Zensar is an Information Technology and Business Process Outsourcing (BPO) Services Company with a unique point of view - a company that can engage with some of the world's largest businesses and still provide personalized care; where innovation is routine and distinction, is regular! Zensar provides end-to-end services from Consulting to Implementation to support to over 300 active Fortune 500 and other customers. We have adopted a mature framework to sustain and accelerate growth by diversifying into territories and managing business opportunities across horizons on a 24X7 format. We consistently deliver business value and innovation to customers, while creating a sustainable competitive advantage for ourselves.

**Responsibilities:**

* Interacted with end users for gathering requirements.
* Perform database **tuning, monitoring, loading** and **back up**.
* Used **sql loader** to load data from **csv** files into Oracle tables.
* Creating prototype reporting models, specifications, diagrams and charts to provide direction to system programmers.
* Developed procedures and functions using **PL/SQL**.
* Created number of database **Triggers** according to business rules using PL/SQL.
* Developed SQL for loading **Meta data** from **Excel spread sheet** to the database using **SQL Loader**.
* Extensively used **PL/SQL** to implement **cursors, triggers** and **packages**.
* Developed **SQL script** for loading data from existing **MS Access** tables to **Oracle**.
* Create record groups for manipulation of data, Perform **unit** and **system integrated** **testing**.
* Involved in database **design, development** of database, **tables** and **views**.
* Involved in application **testing, deployment** and **production support**.

**Environment:** Oracle 8i, PL/SQL, TOAD, SQL\*Loader, MS Access, Excel spread sheet, Windows NT.