**Deepthi domakuntla**

**Email:deepthi0807@gmail.com**

**Ph: 919-564-5748**

### *Summary of Experience:*

* Over 7+years of work experience in IT Industry in Analysis, Development and Maintenance of various software applications in Data warehouse environment.
* Strong experience in providing Business Intelligence solutions using **Informatica Power Center 9.1/8.x/7.x/6.x/5.x.**
* Good knowledge of Data warehouse concepts and principles (Kimball/Inman) - **Star Schema, Snowflake, SCD.**
* Excellent knowledge of Informatica Administration. Involved in grid management, creation and up gradation of repository contents, creation of folders and users and their permissions.
* Well acquainted with Informatica Designer Components - **Source Analyzer, Warehouse Designer, Transformation Developer, Mapplet and Mapping Designer.**
* Worked extensively with complex mappings using different transformations like **Source Qualifier, Expression, Filter, Joiner, Router, Union, Unconnected / Connected Lookups and Aggregator.**
* Strong Experience in developing Sessions/tasks, **Worklets,Workflows** using Workflow Manager Tools - Task Developer, **Workflow and Worklet Designer.**
* Profound knowledge about the architecture of the **Oracle** database.
* Experience in identifying **Bottlenecks** in ETL Processes and Performance tuning of the production applications using **Database Tuning, Partitioning, Index Usage, Aggregate Tables, Session partitioning, Load strategies, commit intervals and transformation tuning.**
* Extensively worked with Oracle,**PL/SQL Stored Procedures, Functions** Cursors, Indexes and **Triggers** and involved in **Query Optimization**.
* Strong experience in **Performance Tuning** of sources, targets, transformations and sessions.
* Good experience in **documenting** the ETL process flow for better maintenance and analyzing the process flow.
* Extensively worked on Informatica **IDE/IDQ**.
* Experience in **UNIX** shell scripting, **FTP, SFTP** and file management in various UNIX environments.
* Highly Motivated to take independent responsibility as well as ability to contribute and be a productive team member

**Technical Skills**

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| **ETL Tools** | InformaticaPower center 9.1/8.6/8.1/7.1/6.2, DataStage.7.5/7.1, SQL\*Loader, Bulk Loader, SQL Server DTS |
| **Reporting Tools** | Cognos,Business Objects XI, MS SQL Server Reporting services 2005, Developer 2000(Forms 5.0, Reports 6i), Crystal Reports 10, Crystal Reports 2008 |
| **Databases** | Oracle 11i/10g/9i/8i, SQL Server, TeradataV2R5,Sybase, DB2, MySQL, MS- Access |
| **Data Modeling** | Erwin 4.0/4.1 |
| **Programming Skills** | Shell Scripting, K-Shell, C-Shell, C, C++, SQL, PL/SQL, Pascal, FORTRAN., COBOL ,Xml Files |
| **Scripting Languages** | Unix Shell Scripting |
| **GUI** | Toad, Oracle designer |
| **Operating Systems** | UNIX(Sun Solaris 2.x,HP/UX), Win 95/NT/98/2000/XP, MVS,MS-DOS, IBM AIX 4.2 |
| **Scheduling Tools** | TWS |
| **Applications:** | MS Word, Excel, Outlook, FrontPage, PowerPoint |
| **Utilities** | SQL\* PLUS, VSS, Visio |

**Professional Experience:**

**GlaxoSmithKline, Durham, NC Oct’12 – Till date**

**Sr.ETL Informatica Developer**

GlaxoSmithKlineis a global pharmaceutical, biologics, vaccines and consumer healthcare company headquartered in London, United Kingdom. It is the world's fourth’s largest pharmaceutical company measured by revenues. The project involves integration of “Master Data Management” MDM system with “Interaction Operational Data Store” IODS system. The source data interactions consisted of database fetches. The data was then processed and massaged according to the business rules using ETL Informatica Tool. The Informatica Tool acted as an integration hub from MDM andIODS system.

**Responsibilities:**

* Actively involved in gathering requirements and acquiring application knowledge from Business Managers & Application Owners.
* Prepared the **High-level Design document** to provide an overview of the technical design specification system required for Application Enhancements.
* Extracted data from various Source Systems such as **Oracle**, **Sql Server**, **Flat Files, Xml Files and Db2** as per the requirements and loaded in to the target ODS.
* Designed and developed several complex mappings using various transformations like **Source Qualifier, Expression, Lookup, Aggregator, Router, Rank, Filter and Sequence Generator transformations.**
* Extensively used **Normal Join, Full Outer Join, Detail Outer Join, and master Outer Join** in the **Joiner Transformation.**
* Extensively worked on Address validator transformation in **Informaticadeveloper (IDQ)**.
* Created Mappings Using Informatica Developer (IDQ).
* Created **Persistent Lookup cache** modified the look up SQL query and tuned transformations like **Aggregator**, **Joiner** and implemented **Incremental aggregation** for better performance.
* Created various **Reusable Components** in Informatica for reusability purposes.
* Used **Mapping Variables**, **Mapping Parameters** in the Informatica Mappings.
* Extensively worked on slowly changing dimensions.
* Used **Workflow Monitor** to monitor the jobs, review error logs that were generated for each session, and rectified them.
* Involved in coding of the Business Rules through PL/SQL using the **Functions, Triggers, Cursors and Stored Procedures.**
* Worked on **performance tuning** of the ETL processes. **Optimized/tuned** mappings for better performance and efficiency.
* Identified **performance issues** in existing sources, targets and mappings by analyzing the data flow, evaluating transformations and tuned accordingly for better performance.
* Involved in **Unit**, **User Acceptance (UAT), System Integrating (SIT)**testing of Informatica Sessions, Batches and the Target Data.
* Created test cases for carrying out unit testing and part of functional testing.
* Coordinated with testing team in all three phases of testing including end-to-end testing.
* Maintained and managed Informatica code using **Visual Source Safe** tool.
* Developed **shell scripts** for Daily and weekly Loads and scheduled using **TWS** utility.
* We build a process where it reads data from queue in the form of XML files and writes to the data base.
* Prepared ETL mapping Documents for every mapping and **Data Migration document** for smooth transfer of project from development to testing environment and then to production environment.
* Prepared **Run books** providing guidelines to trouble shoot the errors occurred during the run time and instructions on how to restart the loads.
* Actively involved in **production support**. Implemented fixes/solutions to issues/tickets raised by user community.

**Environment:**Informatica power center 9.1, Informatica Developer (IDQ), Oracle11g, MS SQL Server 2008, DB2, Flat files, Xml Files, VSS, UNIXShell Scripts, PL/SQL, TWS.

**Independent Health, Buffalo, NY Aug’11– Oct’12**

**Sr.ETL Informatica Developer**

Independent Health is a premier and diversified health benefits and Information Company that provides innovative products, services, and technologies to improve the availability, quality, and cost of health care. we have been a pioneer in providing quality health care services to companies and individuals in the region. Worked on Trusted Information Hub (TIH) where we replaced the existing RPA Code in SQL server to the Informatica ETL.

**Responsibilities:**

* Extensively worked in full Software development life cycle.
* Worked closely with business users on gathering the requirements and prepared Technical Design and Mapping documents.
* Created Folders and deployment groups using **Repository manager.**
* Extensively worked with Designer tools like **Source Analyzer, Target designer, Mapping designer, Mapplet designer, Transformation Developer.**
* Created source and Target Definitions, **Reusable transformations**,**Mapplets** and **Worklets**.
* Created Mappings and extensively used transformationslike **Source Qualifier, Filter, Update Strategy, Lookup, Expression, Router,Joiner, Normalizer, Aggregator** and **Sequence Generator, Web services Consumer.**
* Used Workflow Manager to create sessions, Worklets workflows.
* Involved in designing, developing and testing of the **ETL** strategy to populate data from various source systems (Oracle, flat files, SQL Server) feeds using Informatica.
* Created **Mapplets** to reduce the development time and complexity of mappings and better maintenance.
* Extensively involved in tuning the mappings, sessions and the Source Qualifier query.
* Identified performance issues in existing sources, targets and mappings by analyzing the data flow, evaluating transformations and tuned accordingly for better performance.
* Manage all technical aspects of the ETL mapping process with other Sprint team members.
* Involved in Unit and Integrating testing of Informatica Sessions, Batches and the Target Data
* Created mappings to load Slowly Changing Dimension tables based on the amount of historical dimension data.
* Involved in migration of mappings and sessions from development repository to test and production repository.
* Designed and developed **UNIX** shell scripts to handle error handling and automatic email generation.
* Involved in **production** support and done knowledge transfer to team members
* Actively involved in Daily check in meetings to discuss on the production issues and resolved.

**Environment**: Informatica Power Center 8.6.1, MS SQL server 2005, Teradata V2R5, Erwin, Windows XP, UNIX.

**CFA Institute Charlottesville, VA Apr’10- Aug’11**

**Sr.Informatica Developer**

CFA Institute is a global, not-for-profit organization comprising the world’s largest association of investment professionals. With over 100,000 members, and regional societies around the world, they are dedicated to developing and promoting the highest educational, ethical, and professional standards in the investment industry. CFA offer a range of educational and career resources, including the Chartered Financial Analyst (CFA) and the Certificate in Investment Performance Measurement (CIPM) designations, and are a leading voice on global issues of fairness, market efficiency, and investor protection.

**Responsibilities:**

* Responsible for Business analysis and requirements gathering from the Business users.
* Involved in Designing **Logical and Physical Data model** using ErwinTool.
* Involved in creating the **design and Mapping specifications** for the **ETL** process based on **Functional specifications**.
* Sound Knowledge on Informatica power center client tools like **Designer, Workflow Manager, WorkflowMonitor, and Repository Manager**.
* Extensively worked on **Designer tools** like**Source Analyzer, Target designer, Mapping Designer, Mapplet Designer and Transformation Developer.**
* Developed **mappings** using Informatica **Power Center Designer** to transform and load the data from source systems to Staging and Staging to target database.
* Worked on various types of transformations like **Expression, Joiner, Update strategy**, **Aggregator,Filter**, **Lookup and Router.**
* Involved in designing, developing and testing of the **ETL** strategy to populate data from various source systems (Oracle, flat files, SQL Server) feeds using Informatica.
* Created **Mapplets** to reduce the development time and complexity of mappings and better maintenance.
* Developed staging jobs where in using data from different source formatted, Cleaned, Summarized, aggregated and transformed into data warehouse.
* Developed ETL design for initial and incremental loads.
* Extracted data from data base and processed as canonicals (XML's) to target system.
* Implemented performance tuning logic on **Targets, Sources, Mappings, Sessions** to provide maximum efficiency and performance.
* Identifying and Removing Bottlenecks in order to improve the performance of Mappings and Workflows.
* Created **stored procedures** for dropping and recreating indexes on target tables.
* Involved in **Enhancements** and **Maintenance** activities of the data warehouse including performance tuning**.**.
* Performed Unit testing and created Unix Shell Scripts and provided on call support.
* Preparation of **UTP** (Unit Test Plan) with all required validations and test cases.
* Created **sessions and workflows** to run with the logic embedded in the mappings using Power center Designer.
* Created various tasks like sessions, decision, timer & control to design the workflows based on dependencies.

**Environment:**Informatica Power Center 7.0 , SQL Server 2005/2008, Oracle 10g, PVCS, Erwin 4.0, Xml Files, UNIX, Windows 2000, DAC.

**MetLife Scranton, PA Mar’09- Apr’10**

**Sr. ETL Informatica Developer**

The Premium module has coverage policies for Fire, Motor, Marine and Engineering Products. It can be used to give the number of new, renewal, cancelled or expired policies. It calculates Gross, Reinsurance and Net outward and inward premium. The Claims module specifies number of claims opened, reopened and closed and claim payment s and claim reserves. There are external files for Policy expenses, which are distributed among policies. The Marketing module specifies new, renewal, cancels and expired policy details depending on products and agents.

**Responsibilities:**

* Responsible for Business analysis and requirements gathering from the Business users.
* Involved in Designing **Logical and Physical Data model** using ErwinTool.
* Involved in creating the **design and Mapping specifications** for the **ETL** process based on **Functional specifications**.
* Sound Knowledge on Informatica power center client tools like **Designer, Workflow Manager, Workflow Monitor, and Repository Manager**.
* Extensively worked on **Designer tools** like**Source Analyzer, Target designer, Mapping Designer, Mapplet Designer and Transformation Developer.**
* Developed **mappings** using Informatica **Power Center Designer** to transform and load the data from source systems to Staging and Staging to target database.
* Worked on various types of transformations like **Expression, Joiner, Update strategy**, **Aggregator,Filter**, **Lookup and Router.**
* Involved in designing, developing and testing of the **ETL** strategy to populate data from various source systems (Oracle, flat files, SQL Server) feeds using Informatica.
* Created **Mapplets** to reduce the development time and complexity of mappings and better maintenance.
* Developed staging jobs where in using data from different source formatted, Cleaned, Summarized, aggregated and transformed into data warehouse.
* Developed ETL design for initial and incremental loads.
* Implemented performance tuning logic on **Targets, Sources, Mappings, Sessions** to provide maximum efficiency and performance.
* Identifying and Removing Bottlenecks in order to improve the performance of Mappings and Workflows.
* Created **stored procedures** for dropping and recreating indexes on target tables.
* Involved in **Enhancements** and **Maintenance** activities of the data warehouse including performance tuning**.**.
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* Created **sessions and workflows** to run with the logic embedded in the mappings using Power center Designer.
* Created various tasks like sessions, decision, timer & control to design the workflows based on dependencies.

**Environment:**Informatica Power Center 7.0 , SQL Server 2005/2008, Oracle 10g, PVCS, Erwin 4.0, UNIX, Windows 2000, DAC.

**Eli Lilly,Indianapolis, Indiana Jan’08–Feb’09**

**Informatica Developer**

Eli Lilly is the second largest Pharmaceutical Company in USA. The objective of this project is to develop Eli Lilly’s IT B2B Intelligence application. The B2B system consists of different applications used to administer incentives awarded to Hospitals, Managed Care Organizations, Long Team Care Facilities, Government

and Medicaid agencies. Client has some applications running on the Legacy system, which they intend to replace with COTS package used by “I-Many”. Major applications like AMS, CBAS, Claims and Medicaid are being replaced by I-many. In this project, migrating the existing data from the Legacy system to a staging area, from where I-Many can access it and load it into its database.

**Responsibilities:**

* Preparation of high-level design and low-level design for mapping.
* Involved in detail design and development of mappings using Informatica.
* Extensively involved in Data Extraction, Transformation and Loading (ETL process) from Source to Target systems using Informatica Power Center.
* Debugging the mappings.
* Involved in development of code review requirements.
* Involved in development and review of Unit Test Specifications.
* Investing the bugs and fixing those bugs.
* Created Informatica ETL mappings using different transformations like Source Qualifier, filter, Aggregator, Expression, Connected and Unconnected Lookup, Sequence Generator, Router and Update Strategy.
* Used parameters and variables in mappings.
* Calculated values in a single row by specifying input/output ports before writing to the target using Expression Transformation
* Involved in retiring the old records using the built-in’s DD\_UPDATE, DD\_DELETE and DD\_INSERT.
* Created stored procedure using the PL/SQL to implement recursive Business logic.
* Created the sessions and workflows in the Workflow manager and scheduled them.
* Involved in client interaction weekly twice to analyze the problems and to rectify them.
* Involved in giving the training to the new members in the team.
* Documentation of mappings as per standards.

**Environment**: Informatica Power Center 6.2, Oracle 8i, DB2, Sybase, WindowsNT, UNIX.

**Radix Info, Hyderabad Oct’06– Jan’08**

**Oracle Developer**

Participated in requirement Analysis, Design and development of the Hospital Management System.This system was developed using Oracle 7.0. This application caters the need of the hospitals in managing Administration, Appointments, Outpatient details, Inpatient details, Billing, stores, laboratory, Operation Theatre, patient Records, Blood Bank, Insurance.

**Responsibilities:**

* ODBC was used for database connectivity and various User Objects were created for this product.
* I was responsible for the creating stored procedures and database triggers.
* Wrote SQLscripts to create staging tables and developed SQL\*Loader control files to load the data from data files into the staging tables.
* Used TOAD, PL/SQL developer tools for faster application design and developments.
* I was responsible for system design and development in Power Builder and Oracle.
* Tested the application to ensure proper functionality, data accuracy, and that modifications have no adverse Impact on integrated system environment.

**Environment**: Oracle 7.0, Windows 2000 Server, TOAD, PL/SQL Developer.

**Educational Background**: Mastersof Computer Applications (**INDIA**)