**Susmita Kundu**

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**425-306-5148**

**PROFESSIONAL SUMMARY:**

* Over 6+ years of extensive IT experience in the Analysis, Design, Development, Testing, and Implementation of business application systems for Healthcare, Retail.
* 6years of experience in data extraction, transformation and loading data **using Informatica PowerCenter (Designer, Workflow Manager, and Workflow Monitor) & PowerExchange**.
* Strong testing and debugging skills and knowledge of ETL procedures and strategies to extract data from different source systems.
* Working Knowledge on different data sources such as **Flat Files, Oracle, SQL Server, XML and Excel Files.**
* Adept in using SQL \* loader feature for loading the data from Flat files to Database tables for Bulk loading.
* Extensively worked on **Informatica Designer Components – Source Analyzer, Designer, Transformation Developer and MappingDesigner.**
* Strong Experience on **Workflow Manager Tools – Task Developer, Worklet &Workflow Designer.**
* Extensively worked in **Design, Development, Testing and Production Environments**.
* Hands on experience with Complex mappings from varied transformation logics like Connected and Unconnected Lookups, Router, Aggregator, Joiner, Update Strategy and Re-Usable transformations.
* Experience in using SQL/PLSQL, Functions, Stored Procedures.
* Understanding in writing Test plans, Test cases, Unit testing, System testing, Integration testing and Functional testing.
* Ability to work hard, learn quickly, and high compliance to new technologies and tools.

**TECHNICAL SKILLS:**

DWH/ETL Tools : Informatica PowerCenter 8.x/ 7.x/6.x.

Databases : Oracle 10g /9i, Teradata, SQL Server 2000/05

Languages : PL/SQL, SQL and C

Tools : SQL\*Loader, TOAD, SQL Developer, FileZilla, and FTP tools

Operating Systems : Windows 7/NT/2000, UNIX,

**EDUCATION**:

* Bachelor of Technology in Electronics (2002-2006) from WBUT, West Bengal, India

**PROFESSIONAL EXPEREINCE**

**Kaiser Permanente, Denver, CO Aug 2013 – till date**

**ETL/ Informatica Developer**

Many work streams require similar data to be pulled daily from Tapestry (a module of EPIC healthcare product). This project extracts a set of data from the claims system i.e Tapestry by pulling commonly needed data and persisting it in oracle schema to make it readily available for multiple work streams. Reporting Workbench (RWB) extract is defined for each data set from Tapestry into a file. A landing zone is defined where the file can be picked by Informatica, subsequently transformed, and loaded into the KPCC defined schema. Status and errors are logged, and errors are escalated to Remedy system. Tivoli is used to schedule and trigger the extracts, and provides escalation to remedy for errors.

**Responsibilities:**

* Follow Agile/Scrum process, update team on status on daily basis i.e. standup meeting.
* Arrange meeting with upstream i.e. RWB (Reporting Work Bench) to understand the source.
* Arrange meeting with downstream i.e. target as Database team to understand DB schema.
* Gathered information with Business Analyst to generate Mapping sheet.
* Develop**mappings, sessions and workflows in Informatica Power** Center for each region.
* Develop mapping based on INI files from epic for every region.
* Design and **deploy ETL job workflows** with exception handling and reporting strategy.
* Use**FTP tool for landing zones**.
* Used SQL developer to understand database and write SQL function/stored procedure.
* Unit tested the mapping logic for correctness.
* Understand logical and physical data models that capture current state/future state data elements and data flows using SQL Developer.
* Extensively utilized the **Debugger utility to test the mappings**.
* Provided support for the implemented code for defects and enhancements using Remedy.
* Analyzed the functional specs provided by the business analyst and updated PSDD documents of this project.
* Discussed Low-level design document that includes the detailed design of each components and data flow diagrams with the team.
* Tuned performance of Informatica mappings using components like Parameter files, Variables and Dynamic Cache
* Update parameter table for reusable in multi region i.e. Parameter files.
* Used FTP tools to get files from landing zones i.e. Unix server.
* **End-to-end ETL development** of the Marketing Data Warehouse.
* Knowledge on RWB **(Reporting work bench)** to generate the INI files from EPIC Chronicle database.
* Improved the performance by providing the staging tables
* Tested and validated the repository integrity with global consistency check feature.

**Environment:** Informatica Power Center 9, Power exchange 9, Oracle 11g,, IBM Tivoli Scheduler, flat files, SQL Developer&UNIX, FTP tools.

**UNUM, Portland, OR June 2012 – July2013**

**ETL/ Informaticadeveloper**

Unum provides disability, group life, long term care and voluntary benefits. LTC data comes from different source systems like Merlin, Adept, DB2, Flat files which is loaded into Enterprise Data Warehouse (EDW).

**Responsibilities:**

* Developed mappings, sessions and workflows in Informatica Power Center.
* Design and **deploy ETL job workflows with exemption handling and reporting strategy**.
* Unit tested the mapping logic for correctness.
* Developed logical and physical data models that capture current state/future state data elements and data flows using Erwin.
* Extensively utilized **the Debugger utility** to test the mappings.
* Provided support for the implemented code for defects and enhancements.
* Extensively used **Erwin tool in Forward and reverse engineering, following the Corporate Standards in Naming Conventions, using Conformed dimensions whenever possible.**
* Extensively used **Power Center/Mart to design multiple mappings** with embedded business logic.
* Analyzed the functional specs provided by the business analyst and created technical specs documents for all the mappings.
* Updated Low-level design document that includes the detailed design of each components and data flow diagrams.
* Tuned performance of **Informatica mappings using components like Parameter files, Variables and Dynamic Cache.**
* Used Connect: direct to get files from mainframe to Unix server.
* End-to-end ETL development of the Marketing Data Warehouse.
* Tested and validated the repository integrity with global consistency check feature.

**Environment:** Informatica Power Center 8.6.1,OBIEE 11g/10g, Power exchange 8.6.1, Oracle 11g, SQL Server 2005, flat files, Toad &UNIX.

**iZoom Stores , Seattle, WA Sept 2010 – May 2012**

**Informatica Developer**

The IZOOM Stores solution is part of the Decision Support Systems in P&G. It delivers insights about sales fundamentals with modern retail customers using the retailer’s sales & inventory data to drive actions in store. It is available for 280 customer teams across all MDOs and the Prestige Global Business Unit.

**Responsibilities:**

* Analysis of the requirements and specifications
* Development of mappings and workflows.
* Develop the Code using **Informatica PowerCenter, SQL and Unix Scripts**.
* Extensively used Informatica client tools – **Source Analyzer, Warehouse designer, Mapping designer, Transformation Developer and Informatica Work Flow manager**.
* Designed Informatica mappings by translating the business requirements.
* Studied Session Log files to correct errors in mappings and sessions.
* Performed unit testing for the mappings.
* Configured and ran the Debugger from within the Mapping Designer to troubleshoot predefined mapping.
* Worked extensively on **Informatica transformations like Source Qualifier, Expression, Filter, Router,Aggregator, Lookup, Update Strategy,** etc.
* Involved in creation of Mapplets, **Worklets, Reusable transformations, shared folder, and shortcuts as per the requirements.**
* Development of shell scripts
* Validating the both Source and Target data based on the Business Requirments/Transformation Rules.
* Involved in migrating the Mappings, Sessions, Workflows from Test environment to Production environment.

**Environment:** Informatica PowerCenter 8.6/9.1, Oracle Exadata, Control-M, Oracle 9i, SQL,

TOAD, UNIX Shell Scripting.

**SakshiInfoway, India Nov 2007– Aug 2010**

**Role: ETL Developer**

Worked as sub-contractor for L&T as data migration support activity, various maintenance data for plantsare captured in excel file and CSV file and the data migrated to Oracle database using ETL.

**Responsibilities:**

* Analyzed the Physical solution document and ETL process.
* Involved in unit test plans for the mappings. Performed Developer testing, Functional testing, Unit testing for the Informatica mappings
* Used ETL to load data from Excel and CSV files.
* Designed and Developed complex mappings, reusable Transformations for ETL using Informatica Power Center 7.1/6.2
* Developed and tested all the Informatica mappings involving complex Router, lookups and update strategies.
* Created workflows and sessions to run the mappings.
* Understand database schema and manual testing using SQL.

**Environment:** Informatica PowerCenter 7.1/6.2, Oracle, SQL, SQL\*Plus, PL/SQL, Windows

NT.

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