**INFORMATICA/ TERADATA DEVELOPER**

**Kavitha V**

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**Professional Summary:**

* Over 6years of experience in the Development and Implementation of **Data Warehousing** with **information Power Center, OLTP and OLAP using Data Extraction, Transformation, Loading and Analysis** in various domains like Banking, healthcare, Insurance and retail.
* Experienced in working with**Informatica Power Center 9.x/8.x versions.**
* Extensive experience in requirements gathering from business users to create Functional Specification Document (FSD), logical and physical data models.
* Strong Experience in **Data Analysis, requirements gathering, code development, System Integration Testing (SIT) and Unit testing**.
* Experience in working **with Oracle, SQL Server, Netezza, DB2**, and **Teradata** databases.
* Expert in integration of Informatica with various data sources like **Oracle, SQL Server, DB2, and Teradata.**
* Experience in working with transformations like **Source Qualifier, Unconnected/Connected Lookup, Filter, Expression, Router, Normalizer, Joiner, Update Strategy, Rank, Aggregator, Stored Procedure, Sorter, Sequence Generator and XML Source Qualifier**.
* Experience in working with **XML files, fixed width and delimitedflat files**.
* Extensive experience in implementing **SCD Type 1** and **SCD Type 2** as per the requirements.
* Proficient in implementing **Change data capture (CDC)** for data warehousing.
* Expertise in I**nformatica performance tuning** at Source, Target, Mapping and Session level.
* Experience in designing data models using **Star Schema, Snowflake, Normalization forms**.
* Experience in **SQL Tuning** of the relational databases and Worked extensively with **Stored Procedures, Triggers, Cursors, Indexes and Functions**.
* Experience working with Teradata utilities like **BTEQ scripting, fast Load and Multi Load**.
* Experience in **SQL, PL/SQL, TOAD, Crystal reports and Unix Shell Scripting**.
* Experience inscheduling of jobs by using tools like **ControlM, Autosys, Tivoli Workload Scheduler (TWS) and Tidal.**
* Excellent **Informatica Administration** skills like installing & configuring Informatica Power Center, maintaining security, code deployment, server maintenance.
* Experience in Working under**SDLC, Waterfall and Agile methodologies**.
* Knowledge of complete **SDLC** including Requirement analysis and gathering, Project Management, Design, implementation, development and Testing.
* Good Exposure in Business Intelligence tools and other ETL tools.
* Ability to meet deadlines and handle pressures **coordinating multiple tasks** in project environment, excellent communication, interpersonal, analytical skills.
* Experience in providing **after hours** and **on-call support.**

**Technical Skills:**

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| **ETL Tools** | Informatica Power Center9.6.1/9.5/8.6/8.1/7.1. |
| **Databases** | Oracle 11g/10g/9i/8i, MS-SQL Server 2008/2005/2000, Teradata 14.0/13.0/12.0,Netezza, Sybase, IBM DB2 and MySQL |
| **Tools** | TOAD, MS VISUAL STUDIO, SQL \*PLUS and ERWIN. |
| **Scheduling Tools** | ControlM, Autosys, Tivoli Workload Scheduler (TWS) and Tidal. |
| **Programming** | UNIX, Shell Scripts, Java, SQL, PL/SQL, T-SQL and XML, COLDFUSION. |

**Professional Experience:**

**Premier Healthcare Inc Salt Lake City, Utah Aug 2016- Present**

**ETL Informatica/ Teradata Developer**

Premier, Inc one of the World's Most Ethical Companies 7 years in a row, Premier is well-equipped to transform the future of healthcare. Premier, Inc. (NASDAQ: PINC) is a healthcare performance improvement alliance of approximately 3, 400 U.S. hospitals and 110, 000 other providersto improve the health of communities.As an ETL developer I was involved in creating various logical mappings for the Vision 21 based on the business requirements that carry the data related to the customer having information about Bill Payment, Dues, Contract details, Plan Details etc.

**Responsibilities:**

* Worked with business analysts for requirement gathering, business analysis, and translated the business requirements into technical specifications to build the Enterprise data warehouse.
* Analyzed the system for the functionality required as per the requirements and created System Requirement Specification document (Functional Requirement Document).
* Involved in the development of the conceptual, logical and physical data model of the **star schema** using ERWIN.
* Have been involved in designing & creating hive tables to upload data in **Hadoop** and process like merging, sorting and creating, joining tables.
* Extensively used ETL to load data from **heterogeneous sources** like flat files (Fixed Width and Delimited), **Oracle tables**, and DB2 tables to the data warehouse.
* Developed various complex mappings using Mapping Designer and worked with Aggregator, Lookup (connected and unconnected), Filter, Router, Joiner, Source Qualifier, Expression, Stored Procedure and Sorter transformations.
* Developed **PL/SQL procedures** for processing business logic in the database and used them in the Stored Procedure Transformation.
* **IDQ** Coding (involves designing logical data models, mappings, workflows, profiles and scorecards).
* Used **IDQ (Informatica Data Quality)** as data Cleansing tool to create the **IDQ Mapplets** and to correct the data before loading into the Target tables.
* Identified and fixed bottlenecks and tuned the complex Informatica mappings for optimized performance.
* Involved in the design and development of CF Reports using **Coldfusion** Builder.
* Implementing **IDQ** rules for analyzing quality of data in the flat files.
* Prepared and documented unit test plans and resolved issues escalated from system testing.
* Used **Teradata** utilities like Fast Load, Multiload, Fast Export and BTEQ.
* Loaded data into **Teradata** data warehouse.
* Collaborated with Project Manager, Tech Lead, Developers, QA teams and Business SMEs to ensure delivered solutions optimally support the achievement of business outcomes.
* Implemented various slowing changing mappings based on the related Star Schema data model.
* Used **Goldengate** parallel processing capabilities to improve performance.
* Created logical and physical data models using ERWIN.
* Automated UNIX shell scripts to verify the count of records added everyday due to incremental data load for few of the base tables in order to check for the consistency.
* Worked on **UNIX shell scripting** and **automation** of ETL processes using scheduling tool **Autosys.**
* Used Incremental aggregation for CDC (Change Data Capture).
* Worked with BI teams in creating reports using BO and involved in developing report using BO and developed tabular matrix, parameterized chart reports.

**Environment:**Informatica Power Center 9.6.1/9.0.1,Oracle 11g, BPM, Informatica IDQ 9.1/9.5,Teradata 14.0, IDQ, Flat files,Erwin 7.2, SQL, Coldfusion,Developer & Toad, shell scripting,Autosys, Tidal Scheduler.

**Birla Life Insurance - IndiaJun2014- Sept 2015**

**ETL InformaticaDeveloper**

Enterprise Data warehouse (EDW) serves a full range of managed healthcare, lifeand disability insurance, and retirement savings products and services. This project includes developing Data warehouse from different data feeds and other operational datasources.Built a central Database where data comes from different sources like oracle, SQL server and flat files. Actively involved as an Analyst for preparing design documents and interacted with the data modelers to understand the data model and design the ETL logic. Reports weregenerated using Business Objects.

**Responsibilities:**

* Understanding the Business requirements based on Functional specification to design the ETL methodology in technical specifications.
* Extensively worked with **staging area** to perform **data cleansing, data scrubbing, data filtering and data standardization** process.
* Implemented code using various Informatica Transformations like Source qualifier, Joiner, Union, Expression, Lookup, Aggregate, Filter, Router, Normalizer, XML and Update Strategy.
* Developed SQL overrides in **Source Qualifier and Lookup transformations**per business requirements.
* Gathered data from various data sources for creating and execution of **SSIS packages**.
* Created **SSIS** packages using SSIS Designer for export heterogeneous data from OLE DB Source (Oracle), Excel spreadsheet to SQL Server.
* Used **connected /Unconnected Lookup Transformation** to lookup the values in Flat Files and relational sources and targets.
* Migrated Data transformation service packages to **SSIS** packages by modifying those packages.
* Implemented **Type 2 Slowly Changing Dimensions** to maintain the historical data in sales data mart as per the business requirements.
* Involved in Performance Tuning of SQL Queries, Sources, Targets, Transformation and sessions by identifying and rectifying **performance bottlenecks**.
* Used **stored procedures** for creating & dropping the indexes before the session run to improve the session performance and rebuild them after completion of session.
* Used **Workflow Manager** for Creating, Validating, Testing and running the sequential and concurrent sessions and scheduling them to run at specified time with required frequency.
* Used Session parameters, Mapping variable/parameters and created Parameter files for imparting flexible runs of workflows based on changing variable values.
* Automation of job processing using **Autosys scheduler**, establishing automatic email notifications to the concerned persons by creating email tasks in workflow manager
* Tested all the mappings and sessions in Development environment and migrated into Production environment after everything went successful.

**Environment:** Informatica Power Center 9.5, SSIS, Oracle 10g, SQL Server 2008, **Teradata**, SQL Loader, Toad 8.5, Delimited Flat Files, SQL\*Plus, PL/SQL, UNIXShell Scripts, Autosys, Solaris 5.8, Windows XP

**HDFC Bank - India Jun 2011- May 2014**

**Jr. ETL Developer**

HDFC is the second largest bank by market capitalization in INDIA. It is the first company to receive an in-principle approval from the RBI. HDFC Bank deals with 3 key business segments - Wholesale Banking Services, Retail Banking Services, Treasury. This application was to build a Data Warehouse for the Employees of a **HDFC BANK**. Informatica power center 9.0 was used as an ETL tool to extract data from source systems and to load data in to target systems

**Responsibilities:**

* Implemented ETL Informatica designs and processes for the load of data from the sources to the target warehouse.
* Designed mappings from the scratch and also did performance tuning of the mappings that were previously implemented.
* Worked on loans and ledgers data in creating business reports.
* Responsible for **performance tuning** at various levels **like mapping level, session level, and database level.**
* Worked on Power Center Tools like **Designer, Workflow Manager, Workflow Monitor, and Repository Manager.**
* Extensively used various **active and passive transformations** like Filter Transformation, Router Transformation, Expression Transformation, Source Qualifier Transformation, Joiner Transformation, Look up Transformation, Update Strategy Transformation, Sequence Generator Transformation, Rank Transformation, and Aggregator Transformation.
* Developed **Re Usable Transformations and Re-UsableMapplet** by using the Power Center Designer.
* Worked with Shortcuts across **Shared and Non Shared Folders**.
* Developed reports using **ColdFusion**
* Migration of**Informatica** jobs to **Hadoopsqoop** jobs and load into oracle database.
* Developed Slowly Changing Dimension Mappings for Type 1 SCD and Type 2 SCD.
* Responsible for implementing Incremental Loading mappings using Mapping Variables and Parameter Files.
* Worked with **Index Cache and Data Cache** in cache using transformation like Rank, Lookup, Joiner, and Aggregator Transformations.
* Extensive worked on debugging and troubleshooting the Sessions using the Debugger and Workflow Monitor.
* Worked with **Session Logs and Workflow Logs** for Error handling and troubleshooting.
* Implemented various loads like Daily Loads, Weekly Loads, and Quarterly Loads using Incremental Loading Strategy.
* Responsible for **Unit Testing** and creating unit test plans and preparing unit test cases

**Environment:**Informatica Power Center 9.0, Oracle 10g, SQL Server,Coldfusion,Sybase, FlatFiles, UNIX, Windows XP, CA Autosys.