**Full Name: Suman Kumari**

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**Professional Summary:**

* **7+ years** of experience as an **ETL Developer** with the development of ETL's for Data warehouse/Data Migration using Informatica Powercenter version and SSIS (SQL Server Integration Services) ETL tools.
* Strong hands on experience using Teradata utilities (SQL, B-TEQ, Fast Load, MultiLoad, FastExport, Tpump, Visual Explain, and Query man), Teradata parallel support, Perl and Unix Shell scripting.
* Experience working with MS SQL Server 2012+, Oracle 11g, Oracle APEX, BIG Data, Oracle NoSQL and Oracle Exadata.
* Extensive knowledge on the Powercenter components as Powercenter Designer, Powercenter Repository Manager, Workflow Manager and Workflow Monitor.
* Thorough knowledge in creating ETL's to perform the data load from different data sources and good understanding in installation of Informatica.
* Strong in SQL, T-SQL, PL/SQL, SQL\*LOADER, SQL\*PLUS, MS-SQL & PRO\*C   
  Experience in implementing OBIEE […] BI Applications7.9.Xwhich include hands on expertise in RPD development, Siebel/Oracle BI Answers, BI Dashboards, BI Delivers and Reports.
* Involved in Testing, Test Plan Preparation and Process Improvement for the ETL developments with good exposure to development, testing, debugging, implementation, documentation, user training & production support.
* Experience in Oracle supplied packages, Dynamic SQL, Records and PL/SQL Tables.
* Hands on experience on Various NoSQL databases such as Hbase and MongoDB.
* Expertise in Master Data Management concepts, Methodologies and ability to apply this knowledge in building MDM solutions.
* Applied the concept of Change Data Capture (CDC) and imported the source from Legacy systems using Informatica Power Exchange (PWX).
* Good experience with implementing Informatica B2B DX/DT and Informatica BDE.   
  Good Knowledge of EAI, ESB, B2B integration.
* Hands on experience in developing Stored Procedures, Functions, Views and Triggers, SQL queries using SQL Server and Oracle PL/SQL.
* Performed the data profiling and analysis making use of Informatica Data Explorer (IDE) and Informatica Data Quality (IDQ).
* Worked a great extent with the design and development of Tableau and Power BI visualizations which includes Preparing Dashboards using calculations, parameters, calculated fields, groups, sets and hierarchies.
* Experience in using SSIS tools like Import and Export Wizard, Package Installation, and SSIS Package Designer.
* Good understanding about Oracle Hyperion performance management
* Experience in importing/exporting data between different sources like Oracle/Access/Excel etc. using SSIS/DTS utility
* Expertise in using global variables, expressions and functions for the reports with immense experience in handling sub reports in SSRS.
* Strong Data Modeling experience using ER diagram, Dimensional data modeling, Star Schema modeling, Snow-flake modeling using tools like Erwin, EMBARCADERO ERStudio.
* Worked directly with non-IT business analysts throughout the development cycle, and provide production support for ETL.
* Having exposure on Informatica Cloud Services.
* Good Exposure to big data technologies such as Hadoop, Hive, Hbase, Mapreduce, HDFS.
* Experience with industry Software development methodologies like Waterfall, Agile within the software development life cycle.
* Involved in understanding client Requirements, Analysis of Functional specification, Technical specification preparation and Review of Technical Specification.
* Hands-on experience across all stages of Software Development Life Cycle (SDLC) including business requirement analysis, data mapping, build, unit testing, systems integration and user acceptance testing.

**Technical Skills**

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| **Data Warehousing ETL** | **Informatica Power Center 6.x/7.x/8.x/9.x/10x, Power Exchange, Abinitio 3.1.6,Data Stage** |
| **RDBMS** | **DB2, Oracle 11g/9i/8i, MS SQL Server 2008/2005, Teradata 14** |
| **Database Languages** | **SQL, PL/SQL, T-SQL, Unix, Shell Scripting** |
| **Data Modeling Tools** | **Erwin 4.1., SQL Data Modeler, Microsoft Visio** |
| **Development Process Models** | **Waterfall, Agile, Spiral, Prototype Model** |
| **Office Package** | **MS-Office 2013/2010/2007/XP/2003/2000** |
| **Environment** | **Unix, Windows XP, Sun Solaris** |
| **Programming Languages** | **C++, Java Basics** |
| **Scheduler Tools** | **UC4,Autosys,BMC Control-M V8.0** |
| **Reporting tools** | **OBIEE, Cognos 10.2.1,8.3/8.1,Micro strategy 9.3.1, Tableau (Exposure)** |
| **Database Utilities** | **Goldengate, Toad, Data Mirror ,SQL Loader** |
| **Big Data Technologies** | **Hive QL, Pig Latin, Hadoop Basics, Oozie** |

**Farmers Insurance, Denver, CO March 2015 to till date**

**Role: Sr. ETL/Informatica Developer**

**Responsibilities:**

* Used Informatica Power Center for extraction, transformation and load (ETL) of data in the data warehouse.
* Extracted data from Teradata database.
* Using Informatica Power centre tools developed Workflows using task developer, worklets designer, and workflow designer in Workflow manager and monitored the results using workflow monitor.
* Data modeling in Erwin.
* Expertise in creating Packages using SQL Server Integration Services (SSIS).
* Expertise in Dynamic SQL, Collections and Exception handling.
* Designed SSIS Packages to transfer data from flat files to SQL Server using Business Intelligence Development Studio.
* Worked on optimizing and tuning the Teradata views and SQL's to improve the performance of batch and response time of data for users.
* Used Informatica power center 9.6.1 to Extract, Transform and Load data into Netezza Data Warehouse from various sources like Oracle and flat files.
* Involved in Analyzing/ building Teradata EDW using Teradata ETL utilities and Informatica.
* Data Modelling and high Level designing (HLD), Analysis and Preparation of Low level design (LLD).
* Web Methods installation, clustering, apply patches, and maintenance of application servers.
* Used Informatica Power Exchange for loading/retrieving data from mainframe system.
* Analyzed data sources and targets using Informatica Data Profiling option.
* Write Shell script running workflows in UNIX environment.
* Worked with Control- M for Scheduling jobs.
* Applied slowly changing dimensions like Type 1 and 2 effectively to handle the delta Loads.
* Prepared various mappings to load the data into different stages like Landing, Staging and Target tables.
* In EDW we load the consignment related data based business rules, this data we extract from SAP source system.
* Used various transformations like Source Qualifier, Expression, Aggregator, Joiner, Filter, Lookup, Update Strategy Designing and optimizing the Mapping.
* Extracted data from Oracle and SQL Server then used Teradata for data warehousing.
* Implemented slowly changing dimension methodology for accessing the full history of accounts.
* Wrote PL/SQL scripts for pre & post session processes and to automate daily loads.
* Wrote heavy stored procedures using dynamic SQL to populate data into temp tables from fact and dimensional tables for reporting purpose.
* Optimizing performance tuning at source, target, mapping and session level
* Created various tasks like Session, Command, Timer and Event wait.
* Modified several of the existing mappings based on the user requirements and maintained existing mappings, sessions and workflows.
* Tuned the performance of mappings by following Informatica best practices and also applied several methods to get best performance by decreasing the run time of workflows.
* Prepared SQL Queries to validate the data in both source and target databases.
* Participated in weekly status meetings, and conducting internal and external reviews as well as formal walk through among various teams and documenting the proceedings.

**Environment:** Informatica Power Center 10/9.6, EBS, Teradata 12, SSRS, Oracle 11/10g, PL/SQL, Map reduce, Autosys, TOAD 9.x, Informatica Cloud, Hive, Hadoop, Erwin, Oracle Financials, Shell Scripting, MS SQL Server 2012, Oracle SQL \*Loader, SSIS 2008 and Sun Solaris UNIX, OBIEE, Windows-XP.

**Client: LightSquared, Reston, VA Nov 2013 to Feb 2015**

**Role: SrInformatica Consultant/ ETL Designer**

**Project Description:**LightSquared is a mobile operator focused on increasing capacity and expanding coverage for American wireless consumers. Utilizing its mid-band spectrum resources, the new company plans to be the staging ground for next-generation technologies while strengthening the existing wireless ecosystem.

**Responsibilities:**

* Developed mappings/sessions using Informatica Power Center 8.6.1 for data loading.
* Build out best practices regarding data staging data cleansing and data transformation routines within the Informatica MDM solution
* Performed data manipulations using various Informatica Transformations like Filter, Expression, Lookup (Connected and Un-Connected), Aggregate, Update Strategy, Normaliser, Joiner, Router, Sorter and Union.
* Used the PL/SQL procedures for Informatica mappings for truncating the data in target tables at run time.
* Created mappings and sessions to implement technical enhancements for data warehouse by extracting data from sources like Oracle and Delimited Flat files.
* Worked on TOAD and Oracle SQL Developer to develop queries and create procedures and packages in Oracle.
* Worked extensively on PL/SQL as part of the process to develop several scripts to handle different scenarios.
* Create reports in Power BI preview portal utilizing the SSAS Tabular via Analysis connector.   
  Developed interactive data visualizations and developed automated processes for updating content used in standardized dashboards.
* Increased staff productivity between 80% to 100% with Informatica B2B Data Exchange or Data Transformation.
* Created Test cases for the mappings developed and then created integration Testing Document.
* Used the advanced features of PL/SQL like Records, Tables and Object types.
* Created programming code using advanced concepts of Records, Collections, and Dynamic SQL.
* Created and Configured Workflows, Worklets, and Sessions to transport the data to target warehouse Netezza tables using Informatica Workflow Manager.
* Ensured that integration testing and system testing followed with QA and change management procedures.
* Deployed the latest stable Bugzilla and its customized skin, fully automated through Puppet.
* Prepared the error handling document to maintain the error handling process.
* Automated the Informatica jobs using UNIX shell scripting.
* Extensively used Informatica debugger to figure out the problems in mapping. Also involved in troubleshooting existing ETL bugs.
* Created a list of the inconsistencies in the data load on the client side so as to review and correct the issues on their side.
* Create Oracle 11g database databases and replicate Sybase schema objects to Oracle.
* Troubleshoot PL/SQL procedures and functions to support corresponding Sybase functionalities.
* Created the ETL exception reports and validation reports after the data is loaded into the warehouse database.
* Created Complex ETL Packages using SSIS to extract data from staging tables to partitioned tables with incremental load.
* Created SSIS Reusable Packages to extract data from Multi formatted Flat files, Excel, XML files into UL Database and DB2 Billing Systems.
* Used Control- M as a scheduling tool for different jobs.
* Developed, deployed, and monitored SSIS Packages.
* Used Type 1 SCD and Type 2 SCD mappings to update slowly Changing Dimension Tables.
* Extensively used SQL\* loader to load data from flat files to the database tables in Oracle.
* Modified existing mappings for enhancements of new business requirements.
* Used Debugger to test the mappings and fixed the bugs.
* Wrote UNIX shell Scripts & PMCMD commands for FTP of files from remote server and backup of repository and folder.
* Created ODI packages, scenarios using interfaces, variables, procedure
* Involved in Performance tuning at source, target, mappings, sessions, and system levels.

**Environment:** Informatica Power Center 9.1/8.6.1, Workflow Manager, Workflow Monitor, InformaticaPower Connect / Power Exchange, Dynamic SQL, SSIS/SSRS2008, Control M, Data Analyzer 8.1, Task Factory, Oracle BI Apps 7.9.6.1, Hyperion, Power BI 2013, Oracle Data Integrator 10.1.3.5, PL/SQL, Oracle 10g/9i, Erwin, Autosys, MS SQL Server 2008.

**Client: Honeywell International, Inc, Morristown, NJ July 2012 to Oct 2013**

**Role: ETL - Informatica Developer**

**Project Description:**Honeywell International, Inc. is an American multinational conglomerate company that produces a variety of commercial and consumer products, engineering services, and aerospace systems for a wide variety of customers, from private consumers to major corporations and governments.

**Responsibilities**

* Worked with business analysts for requirement gathering, business analysis, and translated the business requirements into technical specifications to build the Enterprise data warehouse.
* Extensively worked on Power Center 9.1 Designer client tools like Source Analyzer, Target Designer, Mapping Designer, Mapplet Designer and Transformation Developer.
* Worked on Teradata and oracle 11g databases.
* Develop and execute load scripts using Teradata client utilities MULTILOAD, FASTLOAD and BTEQ.
* Extensively worked on Transformations like Lookup, Joiner, SQL and Source Qualifier Transformations in the Informatica Designer.
* Implemented Slowly Changing Dimensions (Type 1, Type 2 and Type 3).
* Created complex mappings using Unconnected Lookup, Sorter, Aggregator, newly changed dynamic Lookup and Router transformations for populating target table in efficient manner.
* Modify and develop new ETL programs, transformations, indexes, data staging areas, summary tables, and data quality routine based upon redesign activities.
* Worked Extensively on Teradata SQL Assistant to analyze the existing data and implemented new business rules to handle various source data anomalies.
* Worked on performance tuning of the ETL processes. Optimized/tuned mappings for better performance and efficiency.
* Defined Target Load Order Plan and to load data correctly into different Target Tables.
* Used Informatica debugger to test the data flow and fix the mappings.
* Loaded data to and from Flat files and databases like Oracle, Teradata and DB2.
* Administering Exadata databases in production environments.
* Modified existing and developed new ETL programs, transformations, indexes, data staging areas, summary tables, and data quality routine based upon redesign activities.
* Moved the mappings, sessions, workflows, maplets from one environment to other.
* Worked on UNIX Shell scripting and called several shell scripts using command task in Workflow manager.
* 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.
* Developed UNIX Shell scripts to archive files after extracting and loading data to Warehouse.
* Used Informatica Power exchange 9.1 for Change Data Capture(CDC).
* Monitored sessions using the workflow monitor, which were scheduled, running, completed or failed. Debugged mappings for failed sessions.
* Involved in Unit and Integrating testing of Informatica Sessions, Batches and the Target Data

**Environment:** Informatica Power Center 9.5/9.6, Power Exchange 9.5, Oracle 11g, Teradata 13, Win7, SQL \* Plus, Toad, AS 400, UNIX,

**Client: Hudson’s Bay Company,St. Louis, MO Nov 2011 to June 2012**

**Role: ETL Developer**

**Project Description:**Hudson’s Bay Company is a Canadian retail business group. A fur trading business for much of its existence, today Hudson's Bay Company owns and operates retail stores throughout Canada, Germany, Belgium and the United States with GaleriaKaufhof, Hudson's Bay, Home Outfitters, Lord & Taylor, Saks Fifth Avenue and Saks Fifth Avenue OFF 5TH. HBC's head office is in the Simpson Tower in Toronto, Ontario. The company is listed on the Toronto Stock Exchange under the symbol "HBC".

**Responsibilities:**

* Involved in all phases of SDLC from requirement gathering, design, development, testing, Production, user training and support for production environment.
* Create new mapping designs using various tools in Informatica Designer like Source Analyzer, Warehouse Designer, Mapplet Designer and Mapping Designer.
* Develop the mappings using needed Transformations in Informatica tool according to technical specifications
* Created complex mappings that involved implementation of Business Logic to load data in to staging area.
* Used Informatica reusability at various levels of development.
* Developed mappings/sessions using Informatica Power Center 8.6 for data loading.
* Performed data manipulations using various Informatica Transformations like Filter, Expression, Lookup (Connected and Un-Connected), Aggregate, Update Strategy, Normalizer, Joiner, Router, Sorter and Union.
* Developed Workflows using task developer, Worklet designer and workflow designer in Workflow manager and monitored the results using workflow monitor.
* Building Reports according to user Requirement.
* Extracted data from Oracle and SQL Server then used Teradata for data warehousing.
* Implemented slowly changing dimension methodology for accessing the full history of accounts.   
  Write Shell script running workflows in Unix environment.
* Optimizing performance tuning at source, target, mapping and session level
* Participated in weekly status meetings, and conducting internal and external reviews as well as formal walk through among various teams and documenting the proceedings.

**Environment:** Informatica 8.6 .1, Oracle 11g, SQL Server 2005, HP-UX.

**Valuelabs, India June 2010– Oct 2011**

**ETL Consultant**

**Project Description:**The Sample Accountability System is a software application used to perform sample reconciliation and to audit representative activity surrounding the distribution of prescription drug samples using Excel files. The reports that are produced monthly by the sample. Accountability System are important tools for Lilly to audit and secure the distribution of samples.

**Responsibilities:**

* Involved in review and finalizing the technical specifications of source-target mapping documents
* Responsible for Data Extraction and Transformation from disparate sources like Oracle, SAP R/3 using Informatica Power Center.
* Addressed critical areas of impact in terms of performance, data integrity, runtime errors, user interface, application maintenance and development.
* Involved in designing Error Handling strategy using Error detection/Notification/Re-Processing processes
* Created source to target mappings according to business requirements.
* Worked on the transformations like Source Qualifier, Expression, External Procedure, Router, Sequence Generator, Aggregator, Filter, Joiner, and Lookup.
* Extensively used concurrent lookup caches for fine-tuning the Informatica processes.
* Worked on performance tuning of various mappings and session to identify and remove the bottlenecks.
* Involved in creating delta files, which involved comparing current data with previous day’s data and sending the delta records to third party called Inventive.
* Used Post and Pre session commands to call scripts which Drop, recreate indexes on the warehouse table, which was loaded.
* Involved in fine-tuning the ETL mapping by studying the session logs and coming up with a better strategy to deal with bottlenecks such as time involved in building the cache.
* Developed mappings for implementing type I and type II slowly changing dimensions and dimensional hierarchies and aggregates
* Mentoring other developers in technical and business aspects.

**Environment:**Informatica, Oracle, PL/SQL, Sun Solaris, TOAD and Windows NT/2000.

**Education:** Bachelors of Engineering, Millia Institute of Technology, India – graduated 2010