**KiranSai**

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**ETL Informatica Developer**

**PROFESSIONAL SUMMARY:**

* 7+ years of IT experience in **Datawarehousing,Business Intelligence** and **Informatica** developing ETL solutions.
* Have clear understanding of **Datawarehousing** concepts with emphasis on ETL and life cycle development including requirement analysis, design, development and implementation.
* Very strong knowledge in **Informatica Powercenter** suite which includes Mapping Designer, Workflow Manager, Workflow Monitor, Admin Console and Repository Manager.
* Extensive working experience in design and development of **data warehouse**, **marts** and **ODS**.
* Handful working experience in **Datawarehousing** development with data migration, data conversion and extraction/transformation/loading using **Informatica Powercenter** to extract & load data into relational databases like **SQL Server**, **Oracle, Teradata, DB2.**
* Extensive knowledge in **performance tunings, error handlin**g and **various indexes** in teradata.
* Familiarized with various **Teradata tools and utilities like BTEQ, FastLoad, Multiload, Fast Export, Pump, ARC, Quarryman, PMON, and other Teradata Utilities.**
* Extensive working experience with **Powercenter** components of Informatica server and client tools like **designer, workflow manager, repository manager** and **workflow monitor**.
* Expertise in Oracle Data Integrator (ODI) to Extract Load and Transform (E-LT) for high performance and faster responsiveness.
* Working as AWS Engineer on ETL Stack migration from on-premises to AWS Cloud.
* Working with AWS Ec2, S3, RDS, Dynamo DB, CloudWatch, Lambda, StorageGateway.
* Created test scripts for benefits testing and interface transmittal to Health and Welfare vendors using Query Macros in Excel
* Experience in migration of on-premises SQL Server 2012 to Azure SQL Database (PaaS) on cloud
* Experience in Azure SQL configuration for the database and automation of tuning, vulnerability Assessment, Auditing and Threat Detection
* Gather requirements, design, and lead Salesforce enhancement projects
* Configure Salesforce (Users, Profiles, Permissions, Record Types, Page Layouts, Custom Fields/Objects, etc.) and all required applications
* Working on Serverless Architecture - AWS lambda.
* Working automating using AWS Cloudformation.
* Building AWS EMR cluster for Sprak framework.
* Performed query optimizations using query analyzer and index tuning wizards.
* Used Query Analyzer and SQL Profiler to optimize queries and enhance the performance of databases.
* Extensively worked with BTEQ, FASTEXPORT, FASTLOAD and MULTILOAD Teradata utilities to export and to load data to/from flat files.
* Proficient in developing ETL procedures using IBM DataStage 7.5, IBM DataStage 8.x, 9.1, 11.3 & 11.5 and UNIX Scripts.
* Expert in Coding Teradata SQL, Teradata Stored Procedures, Macros and Triggers.
* Extensively worked with Informatica mapping variables, mapping parameters and parameter files.
* Extensively worked with **Informatica MDM** (Master Data Management) in order to manage the high volume data.
* Excellent Hand full working experience in running projects by using scheduling tools like **TWS** and **AutoSys**
* Strong knowledge and understanding of **data modelling** (**Star** and **snow flake schemes**), **ER diagrams**, Data flow diagrams/Process diagrams.
* **Build reusable components, and customized Salesforce1 mobile app using Lightning component framework.**
* Experience as an Architect of new TWS Environment and give Clients the Requirements in setting up a new TWS Environment right from scratch in Distributed Environments**.**
* **Knowledge on word processor, excel, and powerpoint**,**Data Migration between Teradata, MS SQL server, DB2 and Oracle**
* Hands on experience on admin tasks of ODI such as Installations, Configurations, Security, Space Management and Monitoring.
* Designed the ETL jobs using IBM WebSphere Information Server 8.5 to Extract, Transform and load the data into Staging and then into Oracle Database.
* Setup Bidirectional Firewall rules for communication between TWS and the application servers.
* Strong experience in Extraction, Transformation and Loading (ETL) data from various sources into Data Warehouses and Data Marts using Informatica Power Center (Repository Manager, Designer, Workflow Manager, Workflow Monitor, Metadata Manger), Power Exchange, Power Connect as ETL tool on Oracle, DB2 and SQL Server Databases.
* Extensively worked in creating and integrating MicroStrategy reports and objects (Attributes, Filters, Metrics, Facts, and Prompts, Custom groups and consolidations) with the data warehouse.
* Hands on working Experience with MicroStrategy 9.x / 8.x, MicroStrategy Desktop, MicroStrategy Web, MicroStrategy Architect.
* Extensively worked on Micro Strategy Administration that includes Intelligence Server administration, configuration, and Performance tuning and Enterprise management.
* Experience on data profiling & various Data Quality rules development using InformaticaData Quality (IDQ).
* Worked on IDQ tools for data profiling, data enrichment and standardization.
* Experience in development of mappings in IDQ to load the cleansed data into the target table using various IDQ transformations
* Demonstrated expertise utilizing ETL tools including **Oracle Data Integrator, Informatica, Data stage and RDBM systems like Oracle, and SQL Server.**
* Proficient in developing ETL procedures using IBM DataStage 8.x, 9.1, 11.3, 11.5 and UNIX Scripts.
* Experienced in Installation, Configuration, Upgrade, Migration and Administration of **ODI 10g to 11g**.
* Extensive knowledge in optimizing techniques such as concurrent caching, Auto memory calculations, partitioning and using push down optimization.
* Design, implementation, management and data warehousing using Sybase 11.x, 12.x, and 15.x, MS SQL Server […] UDB DB2 and ETL Tools.
* Worked with Oracle, Teradata and SQL **stored procedure, table partitions, triggers, SQL queries, PL/SQL** packages, IBM SQL procedural languages and loading data into data warehouse/data marts using Informatica, DB2 load and SQL loader.
* Experience in developing various types of reports like **Drill Down, Drill Through, Matrix and Parameterized using SQLServer Reporting Services (SSRS).**
* Experience in Online Analysis Processing (OLAP), created cubes, dimensions for schemas.
* Migrated and recreated existing dimensions and cubes using star schema on SQL Server […] to achieve the efficiency of SQL Server Analysis Server (SSAS).
* Used Power Exchange to source copybook definition and then to row test the data from data files, VSAM files.
* Strong experience with star and snow flake schema, dimensional data modelling, facts, dimensional and slowly changing dimensions.
* Keep excel spreadsheet of all current and past sales.
* Data entry - Microsoft word, excel, PowerPoint and SharePoint
* Developed shell scripts for invoking Informatica workflows and for running batch process.
* Extensive experience in formulating error handling mechanism.
* Excellent analytical skills in understanding client’s organizational structure.
* Excellent problem solving skills with a strong technical background and result oriented team player with excellent communication and interpersonal skills.

**TECHNICAL SKILLS:**

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| --- | --- |
| **ETL Tools** | Informatica Powercenter 9.6.1, 9.5, 9.1.0, 8.x, Informatica MDM, IDQ. |
| **Database** | Oracle 9i/10g/11g, SQL Server 2014/2008/2005 and Teradata 14.0 |
| **Data Modelling Tools** | Erwin 4.1 |
| **Scheduling Tools** | TWS, Auto Sys |
| **Languages** | SQL, PL/SQL, |
| **Scripting Languages** | Unix Shell scripting |
| **Operating Systems** | Windows, Red Hat Linux |

**PROFESSIONAL EXPERIENCE:**

**DELL INC -Austin, TX April 2017- Present**

**ETL Informatica Developer**

**Responsibilities:**

* Interactively participated in team meetings with various business teams and business analysts in gathering requirements and analyzing the requirements and proposing the best approach to adopt.
* The data from DOMS application is migrated to the CAM passing through the customer hub system by cleansing and standardizing contacts.
* Involved in creating the mappings with web service consumer transformation for calling the cam web service that is maintain cam contract.
* Validating the data that arrives from different data sources and generating the reports in the Salesforce.com for the next day portfolio.
* Managing Security permissions for tws users/groups and Firewall rules for TWS Master and its FTA’s.
* Install New Master Domain Manager’s, Fault Tolerant Agent’s, and Extended Agent’s on TWS applications.   
  Experience in Migrating TWS environments from lower environments to new environments (9.1, 9.2).
* Assisted with data migration processes to send and retrieve data from Dunn and Bradstreet for data enrichment.
* Extensively used DataStage Tools like Infosphere DataStage Designer, Infosphere DataStage Director for developing jobs and to view log files for execution errors.
* Developed several Teradata BTEQ scripts to implement the business logic.
* Worked on Tuning, and troubleshooting Teradata system at various levels
* Developed the web service consumer transformation by importing the wsdl and defining the port definitions.
* Extensively involved in creating the web service request using the web service consumer transformation and http transformation.
* Defined the process of User Acceptance Testing for Data Migration and responsible in creating Testing Guides, Instruction Packets and Data Samples.
* Experience in latest version of IBM InfoSphere Business Glossary 8.5 and MetaDataWorkBench 8.5.
* Experience in latest version of Quality Stage which is a cleansing tool and is a part of the IBM Information Server and it appears as a major component within IBM'S Infosphere Data Stage.
* Installed and Implemented **Sybase Replication Server 15.7.1**
* Worked with the team in scheduling the Informatica jobs and Database jobs through the control m scheduler.
* through, Ad-hoc and Sub-Reports using Report Designer and Report Builder based on the business requirements
* Designed Charts with lines, Bar Graphs and Columns to generate reports with cumulative totals.
* Involved in Trouble shooting and Performance improvement of SSRS Reports
* Created the UNIX shell scripts for SFTP of the sales rep id files from Informatica server to the omega server.
* Involved in generation of reports on timely basis and configured through splunk to monitor the logs of service requests,
* Extensively used DataStage Tools like Infosphere DataStage Designer, Infosphere DataStage Director for developing jobs and to view log files for execution errors.
* DBI/DBD was used from PERL to communicate to Sybase
* Created the Mappings and Mapplets Workflows for loading the data in stage tables and loading them to the initiate tables through the Informatica power center 9.6 .1 and generating the ds for cleansed data and sent to the target server, so mdm batch processor is java application picks up the xmls and process the records to master hub space.
* Worked with InformaticaData Quality (IDQ) toolkit, Analysis, data cleansing, data matching, data conversion, exception handling, and reporting and monitoring capabilities of IDQ
* Performed the data profiling and analysis making use of Informatica Data Explorer (IDE) and InformaticaData Quality (IDQ).
* Responsible for Explaining to the State DM team about the Data Migration process and the activities that are involved in Data Migration phase.
* Provide day to day production database administration support for Sybase ASE 12.5 and ASE 15 servers, Sybase IQ and Sybase replication servers, running on Sun Solaris
* Designed the mappings mapplets & workflows for the associating organizational customer accounts to the credit party accounts by DFS (dell financial services) records.
* Involved in Creating the stored procedures, packages, triggers, tables, views, synonyms, and test data in Oracle.
* Applied Business rules that identify the relationships among the data using InformaticaData Quality (IDQ 8.6 8.6).
* Modified existing InformaticaData Quality (IDQ 8.6 8.6) Workflows to integrate the business rules to certify the quality of the Data.
* Extensively worked in developing the mappings and resolving the complex logic to resolve the performance issues in building the DNB service is been called using java transformation in order to send the request for the
* DNB match process in the world base records.
* Involved in POC of project with team for implementing Mongo Db (no sql database) and elastic search (ELK) for quick results in searching process to retrieve customer details through service calls.
* Worked with Memory cache for static and dynamic cache for the better throughput of sessions containing Rank, Lookup, Joiner, Sorter and Aggregator transformations.

**Environments:** Informatica powercenter10.1/9.6.1/9.5/9.1/8.6.1, Informatica b2bdatasstudio9.6.1/9.5/9.1/8.6.1,Orcale12c, PL/SQL, XML, Flat files, Office Informatica Power Exchange 9.6 toad, TWS, UNIX,Netezza Mako 7.2.05 Splunk, Mongo Db 3.0, ELK (Elastic Search) 5.0.2,IBM Websphere, Control M Scheduler.

**BlueCrossBlueShield- Chicago, IL July 2016 - February 2017ETL InformaticaDeveloper**

**Responsibilities:**

* Responsible for feasibility analysis of the requirements from ETL perspective, Client Interaction, Design, Testing, support and Documentation.
* Design scheduling structure of Informatica jobs to be executed within operational calendar.
* Extensively used the Slowly Changing Dimensions-Type II in various data mappings to load dimension tables in Data warehouse.
* Working on AWS Lambda invocation with DynaomoDB streams.
* Dynamo DB provisioned through put and scaling.
* Creating bootstrap scripts to use with AWS Cloud formation to automate the deployment.
* Upgrade Sybase servers from V15.5 servers to V16.0; feasibility tests, determine alternatives to do the upgrade; in-place/dumpload, system requirements, tasks listing/scheduling, scripting to do the upgrade.
* Proactively worked to analyze and resolve all **Unit testing and UAT issues**.
* Facilitate/lead reviews (walkthroughs) of technical specifications and program code with other members of the technical team.
* Created Job Stream and added job definitions in **Tivoli Workload Scheduler(TWS).**
* Designed and executed the test cases for Data Migration in Quality Center which is a part of automation process.
* Fixed various bugs under Data Migration Category which are raised by Technical SME and Business Users through Rapid Data Validation.
* Successfully hosted Data Migration - UAT approximately 50 users virtually and assisted users in performing testing.
* Provide technical support for the IDQ, DIH and MDM Environment.
* Identified and eliminated duplicate datasets and performed Columns, Primary Key, Foreign Key profiling using IDQ.
* Experienced in using IDQ tool for profiling, applying rules and develop mappings to move data from source to target systems.
* Worked on IDQ parsing, Standardization, matching, and web services.
* Designed and executed the test cases for Data Migration in Quality Center which is a part of automation process.
* Imported the mappings developed in data quality (IDQ) to Informatica designer.
* Worked with InformaticaData Quality (IDQ) toolkit, Analysis, data cleansing, data matching, data conversion, exception handling, and reporting and monitoring capabilities of IDQ
* Performed the data profiling and analysis making use of Informatica Data Explorer (IDE) and InformaticaData Quality (IDQ).
* Involved in extensive performance tuning by determining bottlenecks using Debugger at various points like targets, sources, mappings, sessions or system. This led to better session performance.
* Worked with database operations and Informatica admin teams to fix performance issues.
* Proactively worked on analyzing the data and data management activities.
* Worked on developing and troubleshoot Stored Procedures, Functions, Cursors and Triggers at Database level using PL/SQL.
* Design and develop Business Intelligence Reports using MicroStrategy
* Support and Maintenance of Data Quality (DQ) MicroStrategy applications.
* Exposure to Informatica B2B Data Exchange that allows to support the expanding diversity of customers and partners and their data with capabilities that surpass the usual B2B solutions.
* Strong technical skills coupled with creative problem solving skills and proficient in working with **Sybase, UNIX** and Shell scripting.
* Migrating SOA based middleware application into AWS.
* Load balancing and auto scaling capabilities implementation on AWS.
* Working with cloudformarion template to build AWS resources.
* CIMS is the Customer Level Data Collection System that allows the department to collect and analyze accurate and comprehensive information to meet federal and state reporting requirements and to make decisions.
* Gathered the requirements for CIF claiming from the vendors and documented it
* Customer's claiming is done using manual upload of files to drop box for every customer to claim or unclaim from their district.
* Worked on new DWH design for ETL and Reporting projects using SSIS, SSRS and Azure Polybase.
* Expertise in **Sybase ASE,Sybase IQ.**
* Designing the new data warehouse (DWH) in Azure by creating the cubes with measures for the purpose of analysis, decision making based on historical data.
* **Creation of MicroStrategy dashboards for the purpose of data analytics.**
* SIF is the project that automates the existing manual upload process to automate the claiming process
* Worked on formatting the SSRS report using Global variables and expressions
* Source data comes from **Microsoft SQL Server, Flat files, Oracle** and the target data is finally loaded into Oracle.
* Extensively worked on Change management to promote codes to different environment.
* Validate data in the reports using **Micro strategy and provide update on business queries**.
* Created Informatica mappings as part of enhancement to fix production bugs.
* Written **UNIX shell scripts** to automate manual tasks.
* Worked on Azure cloud database servers, ADLS and Blob Storage for ETL use. Also have knowledge on External and Internal tables along with Azure runbooks for job scheduling.
* Coordinating with source system owners, day-to-day ETL progress monitoring, Data warehouse target schema Design (Star Schema) and maintenance.
* Worked on PowerShell Script on Azure Automation account for creating the scheduling jobs on SSAS cube processing on a daily basis.
* Involved in code walkthroughs and documentation.
* Involved in database migration **from DB2 to Netezza** and fixing post migration issues.
* Involved in Informatica uplift activities from version 9.1 to 9.6.1 and fixing post migration issues
* Provided on-call support to resolve critical production issues.
* Mentor offshore team on new code implementations/migrations.
* Used SQL Server Reporting Services to migrate and convert crystal Reports into SSRS.

**Environment:** Informatica Power Center 9.1/9.6.1, IBM DB2 9.1, Power Exchange, TWS, Micro strategy 9.3 UNIX, Oracle, DB2, Netezza, Micro Strategy

**SunTrust Bank, Atlanta, GA October 2015-May 2016**

**ETL Developer**

**Responsibilities:**

* Collaborated with Business People for requirements gathering and Participated in translating the business requirements into technical requirements.
* Involved in effort estimation for the requirements in the project and prepared mapping documents based on client requirement specifications **Oracle Data Integrator(ODI)**
* Fixed various bugs under Data Migration Category which are raised by Technical SME and Business Users through Rapid Data Validation.
* Designed simple and complex mappings using Informatica Powercenter to load the data from source using different transformations like **Source Qualifier, Lookup, Expression, Aggregate, Update Strategy, Sequence Generator, Joiner, Filter, Update Strategy, Normalizer, SQL, Rank and Router transformations into CRDB database (Oracle).**
* Developed packages, scenarios using interfaces and variables and used them in Load plans for loading various Facts and Dimensions.
* Involved in Salesforce.com Application Setup activities and customized the apps to match the functional needs of the organization.
* Collaborated and directed with BA, architects and other business stakeholders to ensure optimal delivery and utilization of Salesforce platforms.
* Created field mapping between Legacy CRM system and salesforce to migrate Account, Contact, Leads and Contact Address related data from Legacy CRM system to salesforce.
* Performed data migration from Microsoft CRM to Salesforce.com
* Migrated data from SQL Server to Netezza using NZ\_Migrate utility.
* Monitoring the execution logs in operator.
* Recover failed/crashed **Sybase servers from latest backups.**
* Experienced in Working with Load Plans and Scenarios.
* STOP and START the Netezza appliances in case of issues.
* Good knowledge in creating File to DB and DB to DB related interfaces.
* Working knowledge of Knowledge Modules (**LKM, IKM, JKM and CKM**).
* Worked on Informatica Master Data Management in the process of managing high volume incoming data.
* Conducted sessions to help explain teams about the Netezza architecture and design.
* Extensively used Informatica functions and parameters & variables in the transformations at mapping level.
* Wrote SQL queries for pre-sql and post sql fields in source qualifier transformation with appropriate schema names for extracting only the required rows for optimal performance.
* Worked on Informatica Master Data Management (MDM) in the process of managing high volume incoming data.
* Tested the queries in SQL navigator for integrity and identifying data errors.
* Used Debugger to fix errors in the mappings and to check the data flow.
* Extensively used ODI (Oracle Data Integrator) ELT tool to load data from various source systems to a target Data warehouse.
* Uploaded data from operational source system (Oracle 8i) to Teradata.
* Used utilities **of FLOAD, MLOAD, FEXP, TPUMPof** Teradata and created batch jobs using BTEQ.
* Imported Metadata from Teradata tables.
* Having good experience on Oracle Data Integrator Designer ODI to develop processes for extracting, cleansing, transforming, integrating, and loading data into data warehouse.
* Experience in using **ODI designer, Topology, Operator and security Tools in ODI.**
* Combined Work Management Systems (WMS Data) with Financial Data in order to report against multiple sources (WMS and CR) and have an efficient and consistent reporting solution
* Created **sessions, event tasks, decision tasks** and workflows using Powercenter.
* Partitioned sessions for concurrent loading of data into the target tables.
* Used Session Parameters to increase the efficiency of the sessions in the Workflow Manager.
* Developed UNIX Shell Scripts for scheduling the sessions in Informatica.
* Used Pre session and Post Session to send e-mail to business users through Workflow Manager.
* Created parameter files to change the load date and configured that parameter at session level.
* Used Toad as an advanced SQL,PL/SQL editor. Built and tested scripts, **PL/SQL packages, procedures, triggers, and functions to implement business rules.**
* Created scripts to migrate data from CRDBdatabase to CCARstaging area (SQL server) and developed mappings and workflow in staging area.
* Documented ETL test plans, test cases, test scripts, test procedures, assumptions and validations based on design specifications for unit testing and system testing.
* Worked with the QA team to Trouble shoot and resolve any **QA or UAT issues.**
* Migrated Mappings from Development environment to **QA, QA to Production environment**.
* Coordinated with the reporting team to develop theMicroStrategy reports.
* Ongoing support has been provided for production issues by looking after the errors in daily loads and played an active role in resolving them.
* Based on the assigned JIRA tickets, added and modified Informatica mappings and sessions to improve performance, accuracy, and maintainability of existing ETL functionality as requested by the users.
* Worked on new column additions to existing target and source tables in ETL as per new business requirements.

**Environment:** Informatica Power Center 9.5, Informatica MDM, SQL Server, Oracle 11g, TOAD, UNIX Shell Scripting, SQL, PL/SQL, MicroStrategy.

**DataFactz, Hyderabad, India February 2013 – March 2015**

**ETL Developer/ SQL Developer**

**Responsibilities:**

* Involved in the Dimensional Data Modelling and populating the business rules using mappings into the Repository for Data management.
* Designed Sources to Targets mapping from primarily Flat files to Oracle using Informatica Powercenter.
* Created global repository, Groups, Users and assigned privileges using repository manager.
* Involved in developing source to target mappings and scheduling Informatica sessions
* Wrote several Netezza SQL scripts to load the data between Netezza tables.
* Various kinds of the transformations were used to implement simple and complex business logic. Transformations used were connected & unconnected **lookups, Router, Expressions, source qualifier, aggregators, filters**, sequence generator, etc.
* Reclaiming the space for tables, databases using Netezza groom.
* Managing the data skew at all the Netezza tables.
* Extensively worked in Oracle SQL, PL/SQL, Query performance tuning, Created DDL scripts, Created database objects like Tables, Indexes, Synonyms, and Sequences etc.,
* Tuned Informatica Mappings and Sessions for optimum performance
* Worked in writing **UNIX scripts, SQL** statements and interacted with development and production teams to expedite the process.
* Developed UNIX shell scripts to run the pmcmd functionality to start and stop sessions.

**Environment:** Informatica Powercenter,Informatica Power Exchange 9.5.1 Oracle 8i, Netezza 6.0.8,SQL Server 2000, SQL, sqlPL/SQL.

**Novartis India Ltd, Hyderabad, India November 2010– December 2013**

**ETL Developer**

**Responsibilities:**

* Source systems data from the distributed environment was extracted, transformed and loaded into the Data warehouse using Informatica.
* Involved in the Design, development and implementation of mappings using Informatica Power Center designer and creating **Design Documents**.
* Extracted Data from flat files and various relational databases and loading to Warehouse.
* Worked on different Transformations like Source Qualifier, Joiner, Router, Aggregator, Lookup, Expression and Update Strategy to load data into target tables.
* Worked extensively on fixing invalid **Mappings, and performing Unit and Integration Testing**.
* Used transformations like Aggregator, Filter, Router, Sequence Generator, Update Strategy, Rank, Expression and lookup (connected and unconnected) while transforming Data according to the business logic.
* Created Sessions, reusable Worklets and Batches in Workflow Manager and Scheduled the batches and sessions at specified frequency.
* Developed various **Mappings to load data** from various sources using different Transformations.
* Worked on scheduling production jobs in Autosys.
* Involved in production deployment.

**Environment**: Informatica Powercenter 8.1/ 8.6, UNIX, Oracle, Autosys

**Education: Bachelors in Computer Science Engineering-JNTUK-India**