

JESSICA CLAIRE

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CAREER OVERVIEW

- IT professional having 8+ years of IT experience in analysis, design, development, testing, maintenance and implementation of complex Data Warehousing applications using ETL tool Informatica Power Center on OLAP and OLTP environment for Banking, Insurance and Health care clients. *Proficient using of Power Center tools (Designer, Workflow Manager, Workflow Monitor, Repository manager) and databases like Oracle, Teradata,DB2, SQL Server on windows and UNIX environments. *Experience in all the phases of life cycle involving Requirement Analysis, Design, Coding, Testing, and Deployment. *Proficient in data modeling for OLTP relational databases and Data warehouse applications using Ralph Kimball and Bill Inman design principles including Facts and dimensions tables, Slowly Changing Dimensions (SCD) and Dimensional Modeling - Star and Snow Flake Schema. *Expertise in developing and running Mappings, Sessions/tasks, Workflows, Worklets and Batch processes. *Worked in Production support team for maintaining the mappings, sessions and workflows to load the data in Data warehouse. *Experience in integration of various data sources like Oracle, Teradata, DB2, Sybase, SQL server, MS Access and non-relational sources like Flat files and XML files into staging area. *Experience in designing Reusable Transformations in Informatica such as Joiner, Sorter, Aggregator, Expression, Lookup, Router, Filter, Update Strategy, Sequence Generator, Normalizer and Rank and Mappings using Informatica Designer and processing tasks using Workflow Manager to move data from multiple sources into targets. *Experienced in developing Master Data Management solutions using Informatica MDM. Proficient in configuring and creating Landing, Staging and Base tables in Informatica MDM Hub. *Expertise working with Informatica MDM components Hub Console, Hub Store, Hub Server and Cleanse Match Server used in building and administering MDM solution. *Worked on Data Profiling using Informatica Data Explorer (IDE) and Informatica Data Quality (IDQ) to examine different patterns of source data. Proficient in developing Informatica IDQ transformations like Parser, Classifier, Standardizer and Decision. *Experience in identifying bottlenecks in ETL Processes and Performance tuning of applications using Database Tuning, Partitioning, Index Usage, and Aggregate Tables, Session partitioning, Load strategies, commit intervals and transformation tuning. *Solid experience with Informatica PowerCenter Data Validation client for Unit testing ETL mappings and transformations. *Strong SQL, PL/SQL programming skills in Oracle 11g/10g, SQL Server 2012/2008, Teradata 14/13/12 and DB2 databases. Proficient in writing Packages, Stored Procedures, Triggers, Views, Indexes and query optimization. *Experience in Data masking of sensitive elements using Information Lifecycle Management(ILM) *Knowledge of Global Regulatory compliances like HL7, ICD, HIPAA and other standards relevant to the Life Sciences industry.

QUALIFICATIONS

- BI & ETL Tools
- Informatica Power Center 9.6.1/9.5.1/9.1/8.6/8.1, Informatica Power Exchange, Informatica MDM 9.5, IDE 9.5.1, IDQ 9.6.1/9.5.1, B2BDX/DT v 8.0
- Databases
- Oracle 11g/10g, SQL Server 2008/2012, MS Access, DB2 and Teradata.
- Operating System
- Windows Server 2012/2008, Windows 7/2003/2000, Unix and Linux.
- Languages
- SQL, PL/SQL, BTEQ, UNIX shell scripting, HTML, XML and C.
- Domains
- Annuity & Life Insurance, Finance and Health Care
- Methodologies
- Data Modeling Logical /Physical, Star /Snowflake Schema, FACT& Dimension Tables, ETL, OLAP, Software Development Life Cycle (SDLC)
- Others Tools
- HP Quality Center, Edit Plus, Microsoft word, Excel VBA, Toad, Autosoys, Control-M, CA Harvest, AR Remedy Ticket Tracking System , WinScp, Putty and SVN tortoise.

ACCOMPLISHMENTS

WORK EXPERIENCE

Senior Informatica Developer

Cox Communications Inc - Torrance, CA

- Surge (Enterprise Onboarding) Duration : September 2015 to Till-date Project Description: HMS organization is providing Business Intelligence to State and Federal government to reduce the cost in Health Insurance Sector.
- Enterprise Onboarding project is about Provider Loads and Claims files is to load information of Commercial Insurance and information provided by State and Federal.
- Extract data from Mainframe source, Process for Cleansing, reformat, data validation; apply rules, Transform and Load in to DB2 tables.
- Power Exchange is read source data from Mainframe system, Power Center for the ETL and DB2 as Targets.
- Responsibilities:
- Analyzed the existing data for Requirement gathering at initial stage of project.
- Contacted Business users for clarification and worked with Business Analyst to have complete understanding of Business needs and expectations.
- Extensively worked with Informatica Designer.
- Designed and developed Informatica mappings for data loads and data cleansing.
- Created Informatica Mappings, Sessions and Workflows as per technical design specifications in Informatica Powercenter Designer.
- Used various transformations like Filter, Router, Expression, Lookup (connected and unconnected), Aggregator, Sequence Generator, Update Strategy, Joiner, Normalizer, Sorter and Union to develop robust mappings in the Informatica Designer.
- Developed and documented Informatica Mappings/Transformations, and Informatica sessions in a detail design document.
- Tuned performance of Informatica session for large data files by increasing block size, data cache size, sequence buffer length and target based on commit interval.
- Tuning the ETL-Informatica code in Mapping level and session level.
- Created Sessions and Batches to run Informatica Workflows.
- Used Informatica Powerexchange Passport tool to analyze raw source data for legacy systems.
- Identified reusable functionality, developed re-usable Transformation, Mapplets, Sessions and Worklets.
- In order to maintain data quality developed data profiling, data mapping, data validation, data manipulation using Informatica Data Quality tool.
- Implemented Pass Through, Auto Hash, User defined Hash Key and Data Base Partitions for performance tuning in Informatica.
- Debugging with debugger and Verbose Initialization, Verbose Data types in Informatica.
- Designed Mappings using B2B Data Transformation Studio.
- Used Data Transformation Studio to transform unstructured to structured forms.
- Used major components like Serializers, Parsers, Mappers and Streamers in Data Transformation Studio for conversion of XML files to other formats.
- Worked with XSD and XML files generation through Informatica ETL process.
- Followed Peer review, Group review for the source code.
- Unit testing of the mappings.
- Preparing Validation SQL scripts.
- Migrating the all UNIX shell scripts, Parameter files, and Env files thru SVN Version to various Environments.
- Order the Control-M jobs from Desktop to Enterprise Manager and automated the Informatica Jobs.
- Migrating the Informatica- Workflows, Mappings and sessions to QA and Production environment.
- Worked with ICD Codes.
- Environment: Informatica PowerCenter 9.6.1/9.5.1, B2B DX/DT , MS SQL Server (v2008, v2014),Oracle 11g, DB2,Flat Files, Mainframe Files, TOAD 9.7, Passport Mainframe Tool, Informatica PowerExchange, Informatica Data Quality(IDQ) 9.6.1/9.5.1 , SQL/ PLSQL, UNIX Shell Scripting ,Track+ and CA Harvest.

08/2014 to 09/2015

ETL Developer

Cgi Group Inc - Providence, RI

- Citi Bank is a banking firm which provides various financial services to its clients.
- One of its domains is Mortgage banking.
- I worked on Mortgage Banking Data Analysis.
- This project targeted to maintain the data for regulatory requirement in mortgage business.
- In Mortgage data analysis we assess the credibility of the borrower and the worth of the foreclosed properties.
- We get data from various upstream sources, some of them are internal while others are External, and we load the data and then provide the data to the middle office and downstream consumers.
- Responsibilities:
- Interact with business users to get Business requirements and analyses source systems data.
- Gathering the Information from Source systems, Business documents and prepares the Data Conversion and migration technical design documents.
- Working with clients on Design, Development and walkthroughs.
- Performed analysis of Business requirements and interpreted transformation rules for all target data objects.
- Developed ETL specification based on business requirements.
- Created Informatica Mappings, Sessions and Workflows as per technical design specifications.
- Creating Informatica mappings with transformations like Source Qualifier, Lookup, Aggregator, Expression, Filter, Router, Update Strategy, Sequence Generator, etc.
- Worked with Different Informatica data transformations like Aggregate, Data conversion, Derived Columns, Union All, Sort, and Merge joins, look up etc.
- Developed Complex mappings in Informatica to load the data from various sources using different transformations like Source Qualifier, Look up (connected and unconnected), Expression, Aggregate, Update Strategy, Sequence Generator, Joiner, Filter, Update Strategy Rank and Router transformations.
- Used debugger to test the mapping and fixed the bugs.
- Played an extensive role in business requirement gathering, requirement analysis, database design, ETL design, development and implementation of the end to end solution, using SDLC techniques.
- Developed Informatica Mapplets using corresponding Source, Targets and Transformations.
- Executed Informatica sessions, sequential and concurrent batches for proper execution of mappings and sent e-mail using server manager.
- Used Informatica session partitions, dynamic cache memory, and index cache to improve the performance of Informatica server.
- In order to maintain data quality developed data profiling, data mapping, data validation, data manipulation using Informatica Data Quality.
- Created table profiles and join profiles.
- Created Informatica mappings and mapplets using Informatica Informatica Data Quality tool.
- Used Informatica Data quality tool where address validator transformation (address doctor) to validate incoming address.
- Perform data population tests against target system to ensure accuracy and quality of data.
- Perform UNIT testing on deliverables and documenting.
- Identifying source data quality issues and resolves discrepancies.
- Tuning the ETL-Informatica code in Mapping level and session level.
- Migrating the all UNIX shell scripts, Parameter files, and Env files thru SVN Version to various Environments.
- Order the Control-M jobs from Desktop to Enterprise Manager and automated the ETL Jobs.
- Migrating the ETL- Workflows, Mappings and sessions to QA and Production environment.
- Created and scheduled workflows using Workflow Manager to load the data into the Target Database.
- Performed Unit Testing and Integration Testing of Mappings and Workflows.
- Assisted in migrating jobs across Development, QA, Production environments.
- Involve in Production support rotation basis (24).
- 7).
- Involve in Status Reporting to the Customer and Management.
- Environment: Informatica PowerCenter 9.5.1, Oracle 11g, SQL Server 2012, Flat Files, TOAD, SVN Tortoise, Control-M Desktop/Enterprise Manager, UNIX Shell Scripting.

03/2013 to 06/2014

ETL Developer

Cgi Group Inc.

- Davco has a central HUB database where all the patient and Pharmacy details are stored.
- Here all the source system data PATTY/ REGGIE/ DART is migrated to a new system.
- All this data has been divided to different ingestion pipelines and moved to the target systems through XML's and flat files as per the requirements.
- Responsibilities:
- Analyze the data from different sources i.e.
- SDFC Apex Data Loader, Oracle, SQL Server and Flat file and define Data Warehouse/ ETL process.
- Designed the Data Warehouse/ ETL processes using Informatica Power Center to extract, transform and load data from multiple input sources like SQL Server and Oracle to target Oracle database.
- Created complex mappings using various transformations such as Rank, Joiner, Expression, Lookup (Connected / Unconnected), Aggregate, Filter, Update Strategy, Sequence Generator etc to implement the user requirements.
- Used various transformations like Filter, Router, Expression, Lookup (connected and unconnected), Aggregator, Sequence Generator, Update Strategy, Joiner, Normalizer, Sorter and Union to develop robust mappings in the Informatica Designer.
- Developed and documented Informatica Mappings/Transformations, and Informatica sessions in a detail design document.
- Designed Informatica Mappings using B2B Data Transformation Studio.
- Used Informatica Data Transformation Studio to transform unstructured to structured forms.
- Used major components like Serializers, Parsers, Mappers and Streamers in Data Transformation Studio for conversion of XML files to other formats Informatica Powercenter.
- Used Informatica Powerexchange Passport tool to analyze raw source data for legacy systems.
- Implemented Type-1 Slowly Changing Dimensions, Methodology to keep track of historical data.
- Implemented Informatica Session Parameters, Mapping variable/parameters and created Parameter files for imparting flexible runs of workflows based on changing variable values.
- Created and scheduled Informatica Powercenter workflows using Workflow Manager to load the data into the Target ETL.
- Tuning the ETL-Informatica code in Mapping level and session level.
- Performed Unit Testing and Integration Testing of Mappings and Workflows developed.
- Developed Informatica Mapplets using corresponding Source, Targets and Transformations.
- Executed Informatica sessions, sequential and concurrent batches for proper execution of mappings and sent e-mail using server manager.
- Used Informatica session partitions, dynamic cache memory, and index cache to improve the performance of Informatica server.
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- Perform UNIT testing on deliverables and documenting.
- Identifying source data quality issues and resolves discrepancies.
- Tuning the ETL-Informatica code in Mapping level and session level.
- Migrating the all UNIX shell scripts, Parameter files, and Env files thru SVN Version to various Environments.
- Order the Control-M jobs from Desktop to Enterprise Manager and automated the ETL Jobs.
- Migrating the ETL- Workflows, Mappings and sessions to QA and Production environment.
- Created and scheduled workflows using Workflow Manager to load the data into the Target Database.
- Performed Unit Testing and Integration Testing of Mappings and Workflows.
- Assisted in migrating jobs across Development, QA, Production environments.
- Involve in Production support rotation basis (24).
- 7).
- Involve in Status Reporting to the Customer and Management.
- Environment: Informatica PowerCenter 9.5.1, Oracle 11g, SQL Server 2012, Flat Files, TOAD, SVN Tortoise, Control-M Desktop/Enterprise Manager, UNIX Shell Scripting.

04/2012 to 02/2013

IDQ Developer

Cognizant Technology Solutions - Lewisville, TX

- The data related to their operations is present in various source systems like oracle.
- CNA's Data Warehouse stores terabytes of Premium, Claims & Accounting information.
- This data is loaded into Data Marts for Actuarial & Financial analysis.
- Responsibilities:
- Designed the ETL framework/MDM/IDQ.
- This is the collections of all claims, customer information, requirement gathering, requirement analysis, database design, ETL design.
- Implemented Informatica MDM 9.5.
- Obtained golden records using Informatica master data management hub console.
- Created base objects, and relationships ships between tables.
- Created and configured schema objects.
- Configured relation among table to obtain LKP.
- Configured mappings and table functions to load staging tables in Informatica MDM.
- Configured Match/merge in Informatica MDM to obtain golden records.
- Configured validation and trust.
- Related queries and packages to load in hub console.
- Configured batch merge to load in hub.
- Configured auto merge.
- Configured manual merge.
- Handled exception on IDQ.
- Loaded the landing tables with the help of etl jobs.
- Tested the code and deployed in to production environment.
- Redesigned the implemented data mart in ODS, in order to increase the performance and reduce the maintenance cost.
- Prepared high level and low level in design documents.
- Implemented Type-1 & Type-2 Mappings for both Dimensions and Facts.
- In order to maintain data quality developed data profiling, data mapping, data validation, data manipulation using Informatica Data Quality.
- Used address validate transformation (address doctor) to validate incoming address.
- Used profile data for the incoming sources.
- Used Source Analyzer, Workload designer, Mapping designer, Mapplet Designer.
- Automated Mappings, Sessions and Workflows using Informatica Power Center and Workflow Manager.
- Automated and scheduling of UNIX shell scripts and Informatica Sessions and batches using Control-M.
- Participated in Resource Planning, Estimation, Design, Coding, Unit Testing and Production Support.
- Creation & Review of Unit Test case documents.
- Did the peer reviews of ETL code.
- Provided Pts & Post production assistance as well as tested the ETL flows.
- Uploaded/modified Customer Parameter files in UNIX to use variables for Workflow sessions.
- Played the role of Admins and performed Admin tasks.
- Migrating the all UNIX shell scripts, Parameter files, and Env files thru SVN Version to various Environments.
- Order the Control-M jobs from Desktop to Enterprise Manager and automated the ETL Jobs.
- Migrating the ETL- Workflows, Mappings and sessions to QA and Production environment.
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01/2012 to 03/2012

ETL Developer

Cgi Group Inc.

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- CNA's Data Warehouse stores terabytes of Premium, Claims & Accounting information.
- This data is loaded into Data Marts for Actuarial & Financial analysis.
- Responsibilities:
- Designed the ETL framework/MDM/IDQ.
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08/2009 to 12/2011

Informatica Developer

Cognizant Technology Solutions

- COGI Group Inc - Hyderabad, India
- The objective of the project is to consolidate the patient data originating from different departments into Oracle Data warehouse and then data is loaded into downstream data marts.
- All this data has been divided to different ingestion pipelines and moved to the target systems through XML's and flat files as per the requirements.
- Responsibilities:
- Analyze the data from different sources i.e.
- SDFC Apex Data Loader, Oracle, SQL Server and Flat file and define Data Warehouse/ ETL process.
- Designed the Data Warehouse/ ETL processes using Informatica Power Center to extract, transform and load data from multiple input sources like SQL Server and Oracle to target Oracle database.
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