

# JESSICA CLAIRE

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## Professional Summary

Highly skilled professional with 17+ years of hands-on experience in analyzing, architecting, developing and designing solutions (ETL, Data Warehouse, Data Mart, ODS) in OLTP technologies using star and snowflake dimensional modeling. Hands-on exposure with Informatica Cloud(IICS)/ETL and Hadoop technologies. Self-motivated team performer with experience as Informatica Lead/ Informatica cloud(IICS)Developer/DW Architect/Hadoop/Sr. Teradata Developer.

## Areas of Expertise

- ETL Team Leader.
- Informatica Power Center 10.x/9.x/8.x.
- IICS (Informatica Cloud) Data Integration, App & API Integration.
- API/Web Services using application integration REST End point connector.
- Informatica Cloud Data Integration (IICS – CDI Service) For Google Analytics.
- Application integration with EATON/Rockwell Suppliers / Delighted Survey(End point) using JWT and REST Connectors.
- Experience with Informatica MFT.
- XML generator , XML parser, Java and HTTP transformation within Informatica for realtime transfer of ActiveMQ messages
- Scope and Roadmap for DW ,ETL and BI.
- Data Modelling,ETL High Level and Low Level Design.
- Teradata, SQL Server and Oracle(PL/SQL).
- Strong knowledge on Teradata Architecture.
- KPIs and Reporting specific calculations.
- Developing/Designing ETL Informatica processes/mappings .
- Tuning ETL/Informatica mappings/processes.
- Best practices for developing ETL jobs .
- UNIX Shell Scripting and ETL automation.
- Tuning of complex SQL Queries/Processes.
- SCD 1, 2 ,3 and Change Data Capture (CDC).
- Resolving production ETL failures.
- Optimal performance strategy in Teradata using indexes,joins indexes,partitioning,statistics etc.
- Teradata Utilities (BTEQ,Mload , FLoad & TPT)
- Root cause analysis of business driven issues.
- Experience on TWS,Cisco Tidal Enterprise and Ctrl M Schedulers.
- Big Data,Hadoop, Hive,Sqoop, Oozie and Spark
- Strong knowledge in Python Programming and Cloud(GCP)
- Good team player, constant learner, excellent analytical & logical skills.

## Work History

**Sr. Informatica/IICS Developer, 04/2019 to Current**

Rexel Holdings USA – City, STATE

- Interacted with Business partners to identify/understand requirements, design specifications, expectations, and vision in key projects like supplier integration, TNT (Track and Trace), item golden record creation.
- Identify ETL specifications based on business requirements and creating ETL Mapping Documents, high level documentation for product owners and data managers.
- Handled end-to-end Development and Implementation of Product (Item) Master Data and Supplier Marts by taking into consideration business cases, objectives, optimization, and requirements. Which reduces loading timings 25 %.
- Re-architected and developed product Golden Master Record project. This project was saving \$100k/year licensing recurring costs to company
- Managed code reviews and ensure that all solutions and processes are aligned to architectural/requirement specifications, SLAs and standards.
- App & API Integration of Informatica Intelligent Cloud Services.
- Extensively Worked on XML Parser/generator, HTTP (Post) and JAVA transformation as part of inventory synch and sharing between Micron, Eclipse systems through Realtime ActiveMQ messaging.
- Developing integrations using Informatica Cloud Data Integration (IICS – CDI Service) For Google Analytics.
- Developing Informatica Cloud Mappings, Ds task, Data replication and task creation.
- Worked with API/Web Services using application integration for EATON Supplier (End point) using JWT.
- Worked with API/Web Services using application integration for Rockwell Supplier through REST End point connector.
- Worked on Delighted survey integration using REST API and pagination to pull survey messages.
- Worked on Informatica MFT (Managed File Transfer) for to exchange the files with external systems.
- Provide resolution to an extensive range of complicated ETL-related problems, proactively and as issues surface.

**Informatica ETL Lead | Architect | Hadoop Developer, 08/2008 to Current**

Verizon – City, STATE

**FIOS Sales and compensation Mart:**

- Reviewed BRD (Business Requirement Document) and create aligned technical interface design specifications for analytics, reporting and ETL.
- Handled data profiling, source analysis and data quality analysis.
- Prepared high level solution architecture Design and review with top management.
- Performed project management on several business enhancements and work requests.
- Managed team and assign tasks, review /validate code and help them to fix critical issues in testing and development.
- Mentoring junior developers , providing technical ,domain assistance, troubleshooting and alternative development solutions
- Coordinated with team to prepare design docs and flow specs.
- Interacted with business, cross functional team,SMEs and BI team on day to day basis for critical time lines requirements and any system issues.
- Developed and enhanced complex Informatica mappings, sessions , worklets and workflows with optimization.
- Prepared high level test strategies ,plans and scenarios for ETL processes.
- Provided solutions to production failures and ETL/DB performance enhancement.
- Engineered analysis to identify data and count issues between source systems and final BI reports.
- Developed UNIX shell scripts for pmcmd, parameter file and file transfer automation.
- Built data feeds and extracts with complex business rules sourcing from warehouse to different IT and Business Teams.
- Developed various Adhoc reports quickly to find data-driven answers.
- Developed processes for data extractions and loading into Teradata using BTEQ, Fast Load, Multi-Load and TPT.
- Worked on ETL process migration for various data marts from Oracle to Teradata.
- Tuned Teradata Queries by using PIs,PPIs, Indexes,joins indexes and statistics for FIOS Sales ETL and BI reporting .
- Worked on Hadoop loading data into HDFS using Sqoop, created Hive tables for customer journey analytics.
- Worked on Audit process to report enterprise dashboard metrics accurately and efficiently.
- Implemented optimal ETL performance strategies which resulted in 30 % improvement in over all sales and real time data mart process times.
- Helped manager to find out right resources by conducting interviews and filtering profiles.
- Supported numerous escalations from business community regarding critical key rep compensation reporting .
- Implemented processes for data lake solutions using Oozie and Hive for call metrics.
- Coordinated with Operations team to resolve critical emergency incident reports (IR) related to data issues and load failures.

**HSI/FIOS Broadband Rate Changes (Price up):**

- Collaborated with business, SMEs and cross functional teams to finalize eligibility requirements, design strategies and implementation approaches.
- Reviewed project documents to identify potential impacts.
- Prepared high level design, development and flow preparation for end to end ETL processes which resulted estimated annual revenue growth \$10M to Company.
- Built complex Informatica mappings and DB/ETL processes for leads list and MOG process.
- Created various forecasting, eligibility, actually priced up, and fallout reports to estimate revenue and profitability to company.

**ETL Consultant At Verizon , 08/2004 to 08/2008**

Advansoft Consulting – City, STATE

**HSI (High Speed Internet) Sales Mart :**

- Interacted with manager to understand enhancements, and modifications.
- Designed data model and table structures, keys and indexes.
- Build dimensions, fact and aggregate tables as per requirements and standards ,identify slowly changing dimensions and determine hierarchies.
- Created Complex mappings, sessions, and workflows for real-time migration of data from different sources like Legacy Systems, flat files and other Relational Sources.
- Implemented Informatica transformations like Joiner, aggregators, Connected & unconnected lookups, caches, Filters, Sequence generators, Routers, Update Strategy, Expression, Sorter etc.
- Prepared CA (Change Activity), SRR (Software Release Request) documentation to migrate code.
- Extensively tuned SQL queries by using hints and other tuning techniques.
- Analysed data to make sure to match expected counts between source system and target system ,fix issues raised by Business
- Involved in Informatica Administration to create users ,access and server restarts.

**Data Warehouse/ Interfaces Developer At William Sonoma, 05/2004 to 08/2004**

Advansoft Consulting Inc – City, STATE

- Worked with business analysts, data architects and team leads to build infra structure of data flow.
- Participated in integration test, system test, user acceptance and prepared test plans.
- Documented entire DW process.
- Developed/Enhanced UNIX shell scripts to load sales, inventory, and promotions rejections.
- Handled production support for entire RDW batch processes.
- Scheduled, and monitored all batch jobs using control-M scheduler.
- Fixed and re-run failed jobs to complete batch jobs.
- Identified and fixed FTP and merging failures in RDW batch process.
- Worked on customized PL/SQL aggregations scripts to generate reports to business.
- Fixed and raised TDR/PDR (Test/Production Defect Report) issues.
- Involved in data validations of DW data against RCOM, RMS, and Legacy flat file system.

## Education

Graduate Business Analytics Certificate , 2018

Southern Methodist University - Dallas

**Master of Science: Electrical Engineering**

Tennessee Technological University - Cookeville, TN