

# JESSICA CLAIRE

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## PROFESSIONAL SUMMARY

Diverse experience in IT industry with emphasis on ETL Development, Data Modeling, Data Analysis and SQL Development. Worked on multiple domains like Data Integration, Data Mining, and Database Security industries across various clients. Currently working on Informatica Power Center tools- Designer, Repository Manager, Workflow Manager, Workflow Monitor. Enhanced in transforming SSIS packages from different sources to destination servers. Above 4 years of total IT experience in Data Analysis, System Application Analysis, Data Architecture, and Development, Testing and Deployment of Business Intelligence using Data Warehousing and Database Business Systems in the areas of banking and insurance Industries. Strong Experience in Data Analysis, Data Cleansing, Data Validation, Data Verification, and Identification of Data Mismatch. Excellent Software Development Life Cycle (SDLC) with good working knowledge of testing methodologies, disciplines, tasks, resources, and scheduling. Experience in designing Data marts, Star Schema, Snowflake Schema for Data Warehouse concepts like ODS, MDM architecture.

## SKILLS

- Data Extraction, Transformation and loading data using Informatica.
- Proficient in writing complex SQL queries, stored procedures, normalization, database design, creating indexes, functions, triggers, and sub-queries.
- Created reports for the users using Tableau by connecting to multiple data sources like Flat Files, MS Excel, CSV files, SQL Server, and Oracle.
- Extensively used V-LOOKUP's, Pivot tables and Excel functions, also created Pivot graphs, reports and dashboards.
- Configured Power BI dashboards and reports.
- Experience working in teams, Agile/Scrum development environment.
- Good command of Business Intelligence (BI) tool Cognos.
- Excellent knowledge in creating Databases, Tables, Stored Procedures, DDL/DML Triggers, Views, functions, and Indexes using T-SQL.
- Experience with Data Extraction, Transforming and Loading (ETL) using various tools such as Data Transformation Service (DTS), SSIS.
- Good Knowledge of Business Intelligence, OLAP, Dimensional modeling, Star and Snowflake schema extraction, transformation and loading (ETL) process.
- Strong working knowledge of Oracle, SQL, PL/SQL, Teradata, DB2, Flat Files, MS Access and Sybase.
- Good in analysis, requirements gathering, design, development, implementation, and management of full lifecycle data warehouse projects. Databases
- SQL Server 2014/2012, Teradata V2R5, Oracle 11g/10g, DB2, Sybase, MS Access, UNIX, Windows XP/NT.
- Tools
- MSBI, PL/SQL, Informatica Power Center 8.x/7.x, SSIS, T-SQL, SharePoint, Visio, Tableau.
- System Aspects
- Data Modeling (ER & Dimensional), Database Design, Requirement Analysis, Object Oriented Design, Development, Testing, Data Mapping, Metadata Management, Master Data Management, Data Profiling, Documentation, Project Management.
- Languages
- PL/SQL, Java, C, C++ Microsoft Word and SPSS for Windows.
- Well-developed skills in data populating.
- COMMUNICATION:
- Excellent written and verbal communication skills.
- Confident, articulate, and professional speaking abilities (and experience).
- Empathetic listener and persuasive speaker.
- Writing creative or factual.
- Speaking in public, to groups, or via electronic media.
- Excellent presentation and negotiation skills.

## WORK HISTORY

### Informatica ETL / SQL Developer, 02/2017 - Current

Gep – Chicago, IL

- Working on Informatica Power Center tools- Designer, Repository Manager, Workflow Manager, Workflow Monitor, Business glossary, Informatica Lineage, DVO Analyzing customized package, PL/SQL code provided by Informatica to provide a solution for Lineage automation.
- Converting the store Procedure to ETL using Informatica.
- Created the Incremental Aggregated Transaction Fact.
- Used Type 1, Type 2 SCD mappings to update slowly Changing Dimension Tables.
- Involved in Performance tuning at source, target, mappings, sessions, and system levels.
- Prepared migration document to move the mappings from development to testing and then to production repositories.
- Using various transformations like Filter, Expression, Sequence Generator, Update Strategy, Joiner, Stored Procedure, Union and SQL transformation to develop robust mappings in the Informatica Designer.
- Process the data load by using the ETL tool Informatica, which is grouped into 4 batches of initial load to the staging area, initial load to the facts and dimensions, incremental data from source systems to the staging area and incremental load from staging to the fact and dimensions, and few independent sessions.
- Creating SSIS Packages using Pivot Transformation, Fuzzy Lookup, Derived Columns, Condition Split, Term extraction, Aggregate, Execute SQL Task, Data Flow Task, and Execute Package Task etc.
- To generate underlying data for the reports and to export cleaned data from Excel Spreadsheets, Text file, MS Access and CSV files to the data warehouse.
- Created sessions, configured workflows to extract data from various sources, transformed data, and loading into data warehouse.
- Creating shared dimension tables, measures, hierarchies, levels, cubes and aggregations on MS OLAP/ Analysis Server (SSAS).
- Generating periodic reports based on the statistical analysis of the data from various time frame and division using SQL Server Reporting Services (SSRS).
- Creating SSAS OLAP Cubes and Partitioning Cubes, monitored and full and incremental load using cube wizard.
- Gathering functional and non-functional client requirements in order to optimize the design of BI deliverables (reports, dashboards, alerts, visualizations).
- Designing and developing SSIS Packages for loading data from text files, CSV files to SQL Server databases using SSIS.
- Environment: Informatica Power Center 8.6 (Repository Manager, Designer, Workflow Manager, Workflow Monitor), OBIEE 10.1.3.4 SQL Query Analyzer 8.0, Oracle 10g/11g, MS SQL Server, SQL Developer, Windows, Unix/Linux, putty.

### SQL MSBI Developer, 11/2017 - 02/2018

Amazon.Com, Inc. – Maple Grove, MN

- Designing conceptual, logical & physical data models, data dictionaries and metadata repositories.
- Working with the Project Management team to prioritize business, information and reporting needs.
- Working with Enterprise Data Architects to drive acceptance of an enterprise view of data and its use.
- Coordinating with DBA's in creating and managing Tables, Indexes, and Table spaces, Sequences, Views and Materialized Views.
- Generating DDL scripts using Forward Engineering technique to create objects and deploy them into the databases.
- Partnering with the Data Governance and other data committees to ensure to implement common vocabulary and understanding of business entities and relationships between entities.
- Providing thought leadership in the areas of advanced data techniques, including data modeling, data access, data integration, data visualization, text mining, data discovery, statistical methods, database design and implementation.
- Developing and documented data requirements and design specifications in the form of data models, data mappings and data quality metrics.
- Mapped out structure and organization of the relevant data for Aflac.
- Working with internal customers and business units to understand the business requirements and business processes to design data warehouse schemas and define extract-translate & load (ETL) processes for data teams.
- Assisting with the analysis, design, development and implementation of logical data models, physical database objects, data conversion, integration, and loading processes, query and reporting functions, data management and governance and data quality assurance processes.
- Working in collaboration with the Data Analysts & ETL developers to provide source to target ETL requirements and ensured efficient transformation and loading.
- Assisting in maintaining and enhancing the metadata infrastructure, the data dictionary and business metadata, and facilitate publishing the information to the business and technical communities.
- Partnered with the business to create the appropriate business rules for data usage.
- Environment: Informatica PowerCenter 9.5.1, Oracle, Windows 7, IDQ, SQL Developer 2005, UNIX, PL/SQL, Autosys, Business Objects, AIX, SVN, Tidal, Wave Analytics.

### SQL BI Developer, 06/2013 - 11/2014

Web Drills – City

- Determine the appropriate research projects, data collection, and methodologies.
- Identify, retrieve, manipulate, relate and/or exploit multiple structured and unstructured data sets from various sources, including building or generating new data sets as appropriate.
- Demonstrated leadership and adaptability, with a willingness to readily and voluntarily take ownership of challenging task and problem, even beyond the initial scope of responsibility.
- Thorough analytical skills, with the capability to apply data mining, text analytics, and optimization skills to solve business problems.
- Improve our bidding strategy technology (e.g., more accurate and efficient price, volume, and auction-rate estimation) Design and building tools for scaling campaign management, including automation.
- Design methodology for extracting user insights for location data.
- Develop & maintains expertise with MSBI tools including Excel/PowerPivot, SSIS, PerformancePoint, SSAS & SSRS.
- Analysis of large volumes of transactional data to speed collection cycles and identify operational opportunities.
- Have to use advanced programming skills in Java, Python or any of the major languages to build software solutions/services, including robust data pipelines and dynamic systems.
- Environment: Oracle 10g/11g/12c, MS SQL Server, UDB DB2 9.x, Teradata, Quality Center, SQL Queries., Siebel Analytics, Oracle BI, UML, OLAP, Teradata SQL Assistant, DBMS.

### Jr. Software Developer, 12/2010 - 03/2013

Web Drills Pvt. Ltd – City

- Expertise in Java/J2EE development, and use related technologies/frameworks to develop and optimize applications.
- Will perform relation database development employing Oracle or PL/SQL Provide strong Big Data design, development and coding expertise on large, complex projects.
- Design, code, and unit-test application code using software development life cycle (SDCL) best practices.
- Design, develop, debug and support complex data integration interfaces and processes (Including stored procedure and queries) using various tools and technologies including SSIS, SSAS, SSRS, T-SQL, MSBI, SQL Server technology.
- Complete estimates and work plans collaboratively for design, development, implementation, and rollout tasks.
- Create technical system documentation and ensure that this documentation remains current throughout all phases of the SDLC.
- To be able to work with Business Users, understand the requirement and convert into Technical Design.
- Responsible for coordinating design, code reviews.
- Environment: C#, .NET, WPF, Windows Forms, MS SQL Server, MS Access, XML, Entity Framework.

## EDUCATION

### Master's: Computer Information Systems

Computer Information Systems

### Bachelor's Degree: Computer Science Engineering

Computer Science Engineering

## SKILLS

- .NET, Agile, AIX, analytical skills, articulate, automation, Big Data, BI, Business Intelligence, Business Objects, business processes, C, C++, Cognos, client, customer service, data collection, data conversion, data dictionary, data integration, Data Management, data mining, Data Modeling, DTS, Data Transformation Service, data visualization, data warehouse, DBA, Databases, database, database design, database development, DBMS, Designing, dimensions, DML, Documentation, ETL, XML, Forms, frame, functional, graphs, DB2, DB2 9.x, Informatica, J2EE, Java, leadership, team-building, Linux, managing, access, MS Access, C#, Excel Spreadsheets, MS Excel, Excel, SharePoint, Windows 7, Windows, NT, Windows XP, Microsoft Word, migration, modeling, negotiation, Enterprise, Object Oriented Design, OLAP, optimization, Oracle, Developer, PL/SQL, persuasive, Pivot tables, processes, coding, programming, Project Management, speaker, Speaking, Python, Quality, quality assurance, reporting, Requirement, requirements gathering, research, scaling, Scrum, SDLC, scripts, Siebel, software development, SPSS, MS SQL Server, SQL, SQL Server, staff development, statistical analysis, Strategy, structured, Sybase, system documentation, Tableau, Tables, Teradata, T-SQL, Type 1, Type 2, UDB, UML, UNIX, verbal communication skills, view, Visio, Workflow, Excellent written

## ADDITIONAL INFORMATION

- Ability to handle and interact with Business users, collect, and analyze business/functional requirements. Willing to relocate: Anywhere Authorized to work in the US for any employer.