# JESSICA CLAIRE

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## Accomplishments

- Reignited a vital predictive analytics project (SSAS) that had languished for 3 years and completed it within 3 months including. Architected/modeled more than a dozen high availability database solutions. Successfully led team for datacenter move of over 1400 SQL Servers. Refactored MRP from Oracle to SSIS and improved accuracy and performance by 500%. Led numerous teams of up to 10 members to project completion.

## Professional Summary

I am a very experienced SQL Data Architect/modeler committed to maintaining cutting edge technical skills and up-to-date industry knowledge. I enjoy the challenges data presents and relish in clever ways to solve those problems. I focus on satisfying the needs of the customer but keep an eye on future desires. I am considered an expert by my peers in SQL Development, design, data modeling (relational and dimensional), ETL, data warehousing, and database administration along with a honed skill in leading and managing people.

## Skills

- SQL Data Architect/Modeler
- Data warehouse Architect
- SQL Database Administrator
- ETL (SSIS/SSAS/SSRS)

- Full Microsoft stack
- Data Analytics (SAS, R, Python)
- Oracle Integration
- .Net/Clarion Development

## Work History

**SQL Architect/DBA/ETL Architect**, 04/2016 to Current
**Apex Systems** – Arden Hills, MN
- Improve Medical Billing process for Medicare/Professional audits.
- Created/refined SSIS claims history import.
- Created data analytics warehouse for claims history data.
- Proposed technical feasibility solutions for new functional designs and suggested options for performance improvement of technical objects.

**SQL DBA/Developer Trainer**, 03/2016 to 04/2016
**Accenture Contractor Jobs** – Colchester, VT
- Trained employees on SQL best practices.
- Performance improvement, server troubleshooting, and made architectural suggestions to improve their performance, archiving strategies, deadlocking improvements.
- Refactor Oracle MRP into SSIS 2016 with improved detail and 350% faster.
- Recommended architectural improvements, design solutions and integration solutions.

**Business Intelligence Tech Lead**, 09/2015 to 01/2016
**CHS Community Health Systems** – City, STATE
- Modify SQL/SSIS code for ICD10 changeover.
- Install and move data from 38 hospitals over to new servers effectively splitting the DW into 2 separate entities.

**Business Intelligence Architect/ Project Manager**, 10/2014 to 07/2015
**Kpit Infosystems Inc** – City, STATE
- Managed teams and client relations
- Completed a stalled project for engine mortality data warehouse. Completed it within 3 months when it was 3 years behind.
- Predictive Analytics using SQL/SSIS, SAS tools, R Server, and Power BI.
- Established compatibility with third party software products by developing program for modification and integration.
- Coordinated with systems partners to finalize designs and confirm requirements.

**SQL DBA**, 08/2014 to 10/2014
**CHS Community Health Systems** – City, STATE
- Team Lead in successfully moving data center of 1400 SQL Servers in 90 days time.
- Monitored database performance and provided performance statistical reports for both real-time and historical measurements.

**Data Architect**, 2012 to 08/2014
**CIGNA/HealthSpring** – City, STATE
- Assess current BI environment and re-architect for improved reporting.
- Reduced SSIS maintenance by implementing best practices.
- Over 50% performance improvement on existing processes.
- Created Dimensional model from existing ODS.
- Heavy query performance, T-SQL work, Tuning, DBA, .Net coding, Power BI.
- Modeled, coded, and architected move to Teradata.

**SQL Data Architect**, 10/2011 to 2012
**Baker Hughes Oil & Gas** – City, STATE
- Architected, created, and moved data to new front end using SQL Azure as backend.
- Re-architected data warehouse load.
- Proposed technical feasibility solutions for new functional designs and suggested options for performance improvement of technical objects.

**SQL DBA/Data Architect/System Architect/DBA/Team Lead**, 03/2011 to 09/2011
**Blue Mountain Labs** – City, STATE
- Architected Data Model for large Healthcare CMS Claims Processor.
- Architected SQL Server systems from Development to User Acceptance.
- Led team of 2 other architects and 1 ETL Developer plus team consisted of several SOA developers utilizing Cloud Computing (SQL Azure).
- TDE, partitioning, clustering, and peer-to-peer replication, DBA.
- Connected social media data using Cassandra.

**SQL DBA/Programmer/SSIS Architect**, 11/2000 to 03/2011
**I.S. Software Design Associates** – City, STATE
- Maintained Client relations and managed teams sizing from 1 to 6.
- Led projects utilizing SQL Server technologies including:
- Setup Replication between 6 plants that run 20 hrs/day.
- Technical advisor on web server setups, Major performance tuning.
- ASP.Net designing/coding, Setup Server 2008 running IIS, Active Directory.
- Upgraded SQL 2000 to 2005 then 2008, implemented SSIS, SSAS, and replication Architect/Design central DataVis Warehouse (OBIEE) project as well as SSIS advanced coding.
- Created, Marketed, and conducted 11 three-day seminars for Clarion developers instructing them how to interface best with SQL Server and other RDBMS systems
- Upgrade From SQL Server 2000 to 2005(64bit) with performance tuning on 8+ terabyte system
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## Education

**Master of Science**: 2017
**Capella University**
Data Analytics

**Master of Science**: Computer Science
**Belmont University**
Computer Information Systems

**Bachelor of Science**: Business Data Management
**Carson Newman College**
Business Data Processing

## Certifications

- Microsoft Certified Professional - SQL Server Development
- Microsoft Certified Professional - SQL Server Administration
- Certified Clarion Developer