

# JESSICA CLAIRE

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## SKILLS

- T-SQL
- SQL Server Integration Services
- SQL Server Analysis Services
- SQL Server Reporting Services
- Python
- JIRA
- HTML
- CSS

## EDUCATION AND TRAINING

Southeast Missouri State University  
Cape Girardeau, MO • 12/2017

**Master of Science:** Technology/  
Industrial Management  
GPA: 3.75

CMR Engineering College  
Hyderabad, Telangana • 05/2015

**Bachelor of Science:** Electronics  
and Communication Engineering

## SUMMARY

- 4+ years of experience in Database development and other BI roles. Results include:
- Improved the performance of at-least 5-10 stored procedures or large running queries per quarter to reduce the load on production servers.
  - Involved in POC on migrating to PostgreSQL from SQL Server and developed Python code to automate the creation of databases in PostgreSQL as a part of it.
  - Involved in evaluating various BI application software vendors and proposed solution in creating an ad-hoc reporting feature.

## EXPERIENCE

### Crowe Horwath - Database Developer

New York City, NY • 04/2019 - Current

- Focused on the analyzed system/business requirements for feasibility.
- Participated in business meetings and communicate with the other team members to gather the requirements, analyze business challenges and provide the technical specifications regarding the code changes and enhancements.
- Worked on the different software and hardware applications and make necessary changes to increase the productivity of the organization.
- Installed and configured SQL Server Management Studio 2016 and Visual Studio 2019.
- Gathered, organized and sorted the operational data of restaurant clients using the qualitative analysis techniques.
- Identified the slow performing queries and objects that hinder the operational efficiency and propose possible solutions using problem-solving skills.
- Made code enhancements to get the data requested by front-end developers.
- Developed new database exports and reports by writing SQL queries to provide the data requested by the clients.
- Participated in performance tuning and optimizing the database objects with high CPU, reads and duration for smooth and efficient functionality.
- Designed and developed .NET console applications to create SSAS tabular models in Azure Analysis Services server.
- Provided database user access to the admins based on their roles using SQL Server Analysis Services.
- Performed the UAT testing and prepared the test cases when new database objects are developed or when there were code changes.
- Participated in code review meetings to go through the code changes made by other developers and provided necessary feedback.

**Environment:** SQL Server 2016, SQL Server Management Studio, SQL Server Profiler, Visual Studio 2019, SQL Server Analysis Services, .NET

### Crowe Horwath - Database Developer

Columbus, OH • 04/2018 - 04/2019

- Focused on enhancing the functionality of the applications used for business operations on day-to-day basis
- Participated in gathering the Business requirements and Legacy requirements by attending meetings with the Product Owners, Subject Matter Expert's and other business users
- Worked on creating a technology-driven Automation Payroll System to make changes to the existing manual tax calculation process
- Installed and configured the SQL Server Management Studio 2017 and Visual Studio 2017 with SSDT
- Created new databases and participated in integrating those into the existing structure with critical thinking abilities by comparing the outcomes
- Created entity relationship diagrams to help other developers understand the structure of the database and the relation between the data
- Developed database objects such as stored procedures, triggers, views, Indexes, CTEs etc., and created dynamic SQL queries to improve the performance of the database
- Created SSIS packages to extract the data from various sources, performed necessary transformations like Data Conversions, Conditional Split, Derived columns, SCD's etc., to convert the data into a useful format and loaded the data into the database tables
- Performed the UAT testing, deployed the SSIS packages into SQL Server Integration Services Database Catalog, and configured the log into different environments like Test/Prod

**Environment:** SQL Server 2017, SQL Server Management Studio, Visual Studio 2017, SQL Server Integration Services, SQL Server Profiler, Excel, .NET

### Infor - Junior SQL/MSBI Developer

City, STATE • 06/2015 - 12/2015

- Interacted with the Business Users and attended the business meetings to gather project requirements and legacy requirements
- Installed and configured SQL Server Management Studio 2014 and Visual Studio 2012
- Worked on DDL/DML queries along with dynamic run time queries and created new databases
- Worked with T-SQL joins, Temporary tables, CTE's etc
- Created Tables, Stored Procedures, Functions, Triggers, Views and Indexes
- Troubleshoot small issues while performing SSIS operations
- Created traces using SQL Server Profiler to find the long running queries and modify those queries as a part of Performance Tuning
- Managed fragmentation of indexes by reorganizing them to achieve better performance
- Created SSIS packages by using ETL operations
- Extracted data from various sources like OLE DB, ADO.NET, Flat file connection managers, performed built-in transformations like Data Conversion, Audit, Derived Columns etc
- And loaded data into SQL Server database
- Gained knowledge about the Data modeling (Dimensional & Relational) concepts like Star-Schema Modeling, Snowflake Schema Modeling
- Created Fact and Dimension tables
- Generated various Monthly, Quarterly, Bi-Yearly, Yearly reports by different type of reports using SSRS

**Environment:** SQL Server 2014, SQL Server Management Studio, Visual Studio 2012, SQL Server Integration Services, SQL Server Reporting Services, SQL Server Profiler, Excel