

Jessica Claire

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Professional Summary

- Over all 8+ years of IT experience in IT industry. Experience in in **Data Analysis , Design , Implementation , Administration and Business Intelligence , OLTP , OLAP, ETL, Data warehousing, Data mining, DBMS** and Data Modeling MSBI Tools SQL Server 2012/2008R2 /2008/2005, SSIS , SSRS,SSAS,SDLC.
- Experience Software Development Life Cycle (**Analysis, Design, Development, Testing and maintenance**) using **Waterfall and Agile methodologies**.
- Skillful in **ETL** - Operations Data Store concepts, OLAP and Architecture
- Good knowledge in **Power BI, Power BI Pro, Power BI Mobile**, Power BI & Reporting and visualizations and Power BI Dashboards in to rich look.
- Good Hands on Azure Data Factory, moving data from Kusto DB to Azure SQL DB with the help of Confidential Flows,used Azure download/Updated tasks.
- Knowledge on Microsoft Azure and Azure Data Factory, Storage, Azure ML, Azure Data Lake analytics.
- Expert in writing complex **T-SQL (DDL, DML)**, new features like **CTE, Ranking Functions, TOP(n), PIVOT, XML PATH, SQL, Physical, logical database design** and Performance tuning and creating **Views, Constraints, Triggers, Joins, Cursors, Temp Table, Table Variable, Functions, Batch Scripts** and numerous **stored procedure** consumed at various stages of **migration / cleansing process, reports or data validation**.
- Expert creating packages with **DTS/SSIS** to transfer data between **ORACLE, MS ACCESS and FLAT FILES** to **SQL SERVER**. Using tools like **Bulk Insert Task (BCP)** in SSIS
- Developing reports on SSAS understanding of SSAS, Experience in report writing using SSRS and creating various types of reports like **drill down, drill through, Parameterized, Cascading, Conditional, Table, Matrix, Chart, and Sub Reports**
- Experience maintain Report Manager and **Report Server** for SSRS
- Good Knowledge in Data Modelling OLTP systems and Star Schema and Snowflake multi-dimensional modelling.
- Expert in developing **Dashboard Report, Parameterized Reports, Linked reports , Sub reports** by Region, Year, Quarter, Month and Week.
- Has strengths such as commitment to work, position to excel and innovate, flexibility and self-determination
- Excellent communicator, good listener, planner and adorable team player.

Skills

Databases: Confidential SQL Server (2005/2008/2008 R2/2012), Oracle 8i/9i, Oracle 10g/9i DB2,Postgre MS Access, NoSql

Databases(Hbase).

Database Tools: MS SQL Server (2005/2008/2008 R2/2012), MS-Access, SQL Server Integration Services(SSIS), Data Transformation Services(DTS), SQL Server Reporting Services(SSRS)

Development skills: T-SQL, PL/SQL, SSIS/SSRS, SQL PLUS, Power BI

Languages: VB.net, Python ,Linux, Unix, Java

ETL Tools: DTS, SSIS (SQL Server Integration Services), Informatica, COMOS, Kettle

Work History

02/2020 to Current

Senior BI Developer

American Medical Association – Newport Beach, CA

- Developed Power BI model used for financial reporting of P & L and Headcount.
- Designed and documented the entire Architecture of Power bi Poc
- Expertise in writing complex DAX functions in Power BI and Power Pivot.
- Automated Power Query refresh using power shell script and windows task scheduler.
- Used various sources to pull data into Power BI such as Sql Server, SAP BW, Oracle, SQL Azure etc..
- Installed and configured Enterprise gateway and Personal gateway in Power bi service.
- Created Workspace and content packs for business users to view the developed reports.
- Scheduled Automatic refresh and scheduling refresh in power bi service.
- Wrote calculated columns, Measures query's in power bi desktop to show good data analysis techniques.
- Weekly presentation to the business users about the reports and their changes as required.
- Worked on all kind of reports such as Yearly, Quarterly, Monthly, and Daily.
- Worked on all types of transformations that are available in Power bi query editor
- Created stored procedures and SQL queries to pull data into power pivot model.
- Participated in project planning sessions with project managers, business analysts and team members to analyze business requirements and outline the proposed solution.
- Database creation (**DDL, DML, DCL**) , database tuning, SQL tuning, performance planning.
- Extensively used **Joins and Sub-Queries** to simplify complex queries involving multiple tables.
- Developed tabular queries for efficient analysis of report using **Pivot/Un pivot in T-SQL** .
- Transformed complex business logic into Database design and maintaining it by using SQL objects like **Stored Procedures, User Defined Functions, Views** , T-SQL Scripting and Jobs.
- Creating and Modifying Tables, **Stored Procedures** , Views, **Indexes** , User-defined Functions, and **Triggers** as required.
- Created Jobs Performance report that queries system tables to track the duration of each job and weekly-average duration using **SSRS** .
- Designed and created data extracts, supporting SSRS, POWER BI, Tableau or other visualization tools reporting applications.
- Creating data blending in case of merging two different datasets using **Tableau**
- Created Datasets in T-SQL, stored procedures for SSRS.
- Developed Excel PowerView, PowerQuery and PowerPivot dashboards for data analysis
- Developed confidential proprietary analytical tools and reports with Confidential Excel, and Power Pivot and Power Point.
- Performed Index analysis for tables and came up with more efficient solutions to use **Clustered and Non-Clustered Indexes** for significant performance boost using index tuning wizard.
- Created SSIS packages to import data from **Access , Excel, XML, OLE DB Source and Flat Files** .
- Filtered bad data using **Derived column, Lookups** , Fuzzy Lookups, **Conditional split** .
- Designed SSIS packages to import and transform data between databases and external data sources using various transformations like **Data conversion , File system task, Row counts, OLE DB Source, OLE DB Destination, OLE DB Command, Merge Join, Look up, Sort, Data flow task** .
- Designed and created data extracts, supporting SSRS, Power BI, Tableau or other visualization tools reporting applications.
- Debugging SSIS packages, Performance tuning on **Slowly running SSIS Packages**.
- Configure and maintain using **Report Manager and Report Server** for **SSRS , Deployed and Scheduled** the Reports in **Report Manager**
- Created Reports using **Charts , Gauges , Tables , matrix** .
- Created **Parameterized Report , Dashboard Report , Linked report** and **Sub Report by Year, Quarter, Month, and Week**.
- Created **Drill Down Reports, Drill Through Report** by Region.

03/2016 to 12/2019

BI Developer

Expeditors International Of Washington, Inc. – El Paso, TX

- Gathered business requirements , definition and design** of the data sourcing and data flows, data quality analysis, working in conjunction with the data warehouse **architect** on the development of logical **data models**.
- Designed and created data extracts, supporting SSRS, Power BI, Tableau or other visualization tools reporting applications.
- Expertise in creating visualizations and reports using **Power BI and Dashboards**
- Created logical and physical **data models** using **Erwin** for new requirements after discussion with technical team and application users.
- Designed and implemented complex SSIS **package** to migrate data from multiple data sources for **data analyzing , deploying and dynamic** configuring of SSIS packages.
- Created OLAP cubes and dimensions for the analysis of specific areas using SSAS.
- Developed and maintained a combined data store for reporting purposes.
- Generated reports using **Global Variables , Expressions and Functions** using MS SQL Server Reporting Services 2008.
- Identified the **database tables** for defining the queries and defined datasets for report generation.
- Defined report **layouts including report parameters** and wrote queries for **drill down reports** using SSRS 2008.
- Generated **daily , weekly and monthly** reports for the managers.
- Administered interface to organize reports and data sources, **schedule** report execution and delivery, and track reporting history using SSRS 2008.
- Designed high level ETL architecture for overall data transfer from the OLTP/OLAP with the help of SSIS.
- Extensively used **performance monitor / SQL profiler** to solve dead locks/long running queries.
- Tested the reports and fixed bugs in the **stored procedures** .
- Responsible for the **Performance tuning** of the SQL Commands and the troubleshooting of the technical problems in MS SQL Server 2008 with the use of the **Query Analyzer and Database Engine Tuning Wizard** .
- Established backup and recovery of MS SQL server 2005 by using **SQL Server Agent Jobs** for periodic Backups with backup devices, database maintenance plans and recovery.

Environment: MS SQL Server 2008, SSAS 2008, SSRS 2008, SSIS 2008, T-SQL, Visual studio 2008, DTS, Data Analyzer, MS Access, Word, Excel, SQL Profiler, Windows XP, Erwin v4.2, Version One

01/2014 to 02/2016

ETL DEVELOPER

Abt Associates – New York, NY

- Highly responsible for **data transformation** from various formats to company's format on a weekly basis. Managed external client project contracts from technical consultation to delivery of projects
- Involved in **Planning , Defining and Designing** database based on business requirements and provided documentation.
- Developed logical and physical data models for schemas using **Erwin** .
- Installed MS SQL Server 2008R2 and Management tools using SQL Server Setup Program.
- Coordinated with DBA in creating and managing **tables , indexes , triggers** , db links and privileges.
- Designed, created and reviewed primary objects such as **views , indexes** based on logical design models, user requirements and physical constraints.
- Helped to designed all kind of production and sales reports for Sales and procurement departments using **SSRS**
- Responsible for optimizing all **indexes , SQL queries , stored procedures** to improve the quality of software.
- Designed **SSIS Packages** to transfer data from flat files to SQL Server using **Business Intelligence Development Studio** .
- Generated periodic reports based on the statistical analysis of the data using SQL server Reporting service (**SSRS**).
- Extensively used SSIS transformations such as **lookup , merge , derived column , data conversion** , conditional split and aggregate for creating SSIS ETL Solution.
- Responsible for **creating cubes and dimensions** using MS SQL Server Analysis Services (SSAS).
- Created business critical KPIs using MS SQL Server Analysis Services (**SSAS**) representing aggregations in several different ways - hierarchically and using custom groupings that the company will use to analyze performance.
- Calculated measures and dimension members using **MDX** , mathematical formulas and user defined functions.
- Used Transformations such as Union All, Merge and Breakpoints in SSIS.
- Generated ETL Packages tasks daily using SQL Server Agent jobs by scheduling and also manually configured.
- I Used all types of container tasks such as for loop, for each loop and sequence container in SSIS.
- Designed, Developed and Deployed reports in MS SQL Server environment using **SSRS - 2008R2**
- Generated **Sub-Reports , Drill down reports , Drill through reports and Parameterized reports** using SSRS for Different Regional Sales Head by Monthly and Quarterly Report.
- Created reports to retrieve data using **Stored Procedures** that accept parameters.
- Used SQL Server profiler for **auditing and analyzing** the events which occurred during a particular time horizon and stored in script.

Education

09/2011

Master of Science

Gaziantep University - Gaziantep, Turkey

05/2009

Bachelor of Science

Inonu University - Malatya, Turkey

Certifications

Certificates

- Microsoft Analyzing Data with Microsoft Power BI Certificate
- Oracle Certified Associate (OCA) Java SE 8 Programmer