

Vijayalakshmi Balusu

PROFESSIONAL SUMMARY:

- Over 5years of IT experience in Database Design, Data Modeling, Development, Administration, Implementation using SQL Server 2008-2017 versions.
- Highly proficient in the use of T-SQL for developing complex Stored Procedures, Triggers, SQL jobs, User Defined Functions, views, indexes, user profiles, Relational Database models, Data integrity, query writing and SQL joins.
- Developed/Enhanced stored procedures/Triggers (DML/DDI) to implement complex business rules.
- Experienced in Creating, Configuring and Fine-tuning ETI- workflows designed using SSIS of MS SQL Server 2012/2008R2/2008.
- Experienced in creating complex SSIS packages for ETI- purposes. Implemented complicated transformations to be used in SSIS packages.
- Experienced in Data Conversion, Normalization and Data Modeling, Multidimensional Modeling and involved in creation of Fact Tables, Dimension Tables, Star Schema and Snowflake dimensional schema using Erwin Tool.
- Proven experience analyzing data for the purposes of developing dashboard reporting.
- Proven experience developing business intelligence reports in Sisense
- Experienced the SDLC product life cycle using Waterfall and Agile Methodology.
- Experienced in using tools like MS SQL Profiler, Database Tuning Wizard, Windows Performance for monitoring and tuning SQL Server performance.
- Experienced in implementing applications using Agile methodologies based on JIRA User stories, tasks and sub tasks concepts and also Confluence.
- Maintained positive communications and working relationships at all business levels.

EDUCATION:

Saint Joseph's University, Philadelphia, PA, USA Dec 2016
Master of Science in Business Intelligence and Analytics (GPA: 3.6)

Jawaharlal Nehru Technological University, Kakinada, AP,INDIA May2011
Bachelor of Technology in Computer Science (GPA: 3.5)

BUSINESS & TECHNICAL SKILLS:

Microsoft SQL Server 2008-2017, SQL Server Integration & Reporting Services 2005-2014, Agile, Waterfall, Oracle IOg/9i, IBM DB2, T-SQL, MYSQL, UNIX, PL-SQL, MS SQL Profiler, Excel Macro, SQL Job Agent, Database Tuning Advisor, Index Tuning, SQL Query Analyzer, MS Visual Studio 2005-2013, MS Visio, Windows 2000, 2003 & 2008 Advanced Server, MS Access, HTML, XML, Excel PowerPivot, OLAP, OLTP, Tableau, SAS E-Miner, JMP (statistical software), Azure, JIRA, Confluence and Sisense reporting.

PROFESSIONAL EXPERIENCE:

Tabula Rasa HealthCare

Aug2018 - Till Date

Role: ETL Developer

- At TRHC, my primary duties include creating source to target mappings and ETL design for integration of new/modified data streams into the data warehouse.
- Evaluating data file submissions and developing/maintaining SSIS packages for ETL processes
- New development as scoped and requested by the business.
- Document designs and architect data maps, develop data quality components and establish and/or conduct unit tests.
- Automating the data workflow process by using stored procedures, SSIS packages and scheduled jobs using SQL server agent.

Tools & Technologies: MS SQL Server 2017, Visual Studio 2017/2015, DBeaver, MySQL, CouchDB, Confluence and Microsoft Excel.

Dreamline Showers

Oct2017 - Mar 2018

Role: SQL Report Developer

- My significant contributions at DreamLine as a SQL report developer include writing SQL queries, building/generating reports and scheduling jobs that send sales reports to the corresponding parties.
- Designed and Developed SSIS Packages to transfer data from sources such as SQL Server and Excel to SQL Data Tools.
- Optimized queries using Database Engine Tuning Advisor and SQL Profiler.
- Worked with different control flow items like Execute Package, Execute SQL, send mail and Bulk Insert tasks.

- Involved in writing T-SQL programming to implement Stored Procedures and Functions for different tasks and created Triggers to enforce data and referential integrity.
- Scheduled reports for daily, weekly, monthly reports for executives, Business analyst and representatives for various business requirements using SQL Server Agent.
- Created reports and dashboards for visualization using Microsoft Excel and Sisense reporting tool.
- Documented the Business Requirements and Technical Requirements (Database perspective) in confluence.
- Handled daily tasks using JIRA user stories, tasks and sub tasks.

Tools & Technologies: MS SQL Server 2014, T-SQL, Sisense Reporting, JIRA, Confluence and Microsoft Excel.

Hay Group

Mar2017 - Aug 2017

Role: SQL/SSIS/SSRS Developer

- At Korn Ferry Hay Group, my primary duties include database needs for building and enhancing various applications (web and mobile) and also migrating data between various data sources (mainly annual pay data).
- Gathered business requirements, definition and design of the data source and data flows, data quality analysis.
- Extensively used Agile methodologies to develop/enhance application using concepts like JIRA user stories, tasks, sub tasks and confluence documentation.
- Designed and implemented SSIS Packages to transfer data from sources such as SQL Server and Excel to SQL Data Tools.
- Worked with different control flow items like Execute Package, Execute SQL, send mail and Bulk Insert tasks.
- Extensively used derived column, union all, conditional split, audit, script, lookup, SCD, row count, fuzzy lookup and fuzzy grouping transformations in SSIS packages.
- Implemented Stored Procedures and Functions for different tasks and created Triggers to enforce data and referential integrity.
- Designed and developed matrix and tabular reports with drill down, drill through and drop-down menu option using SSRS.
- Scheduled reports for daily, weekly, monthly reports for executives, Business analyst and representatives for various business needs using Subscription in SQL Server Reporting services (SSRS).

Tools & Technologies: MS SQL Server 2008/2014, Azure, T-SQL, SSIS, SSRS, Tableau 9, JIRA, Confluence and Microsoft Excel.

Tech Mahindra

Sept 2011- Feb 2014

Role: SQL Developer

- The project main objective was to support an application called SRS-PAR application (Service Reporting System - Personal Accountability Reports) which is a 3-tier web based intranet application that is available to most of AT&T Mobility's call taking employees.
- Part of the team responsible for design, build and normalizing data models.
- Created database objects like tables, views and triggers. Analyze the database for indexes, constraints etc.
- Used Joins, correlated and non-correlated sub-queries for complex business queries. Filtered bad data from legacy system using complex T-SQL statements, and implemented various constraint and triggers for data consistency.
- Performed T-SQL tuning and optimizing queries for Reports, which take longer time than expected.
- Recovered the databases (from backups) to a specific point of time, as per the requests.
- Troubleshoot various problems that arises in a day-to-day work and fix the issues.

Tools & Technologies: MS SQL Server 2008, T-SQL, Windows 2003, Excel.

PROJECTS:

Predictive Analytics

January 2016

- The main objective of this project is to predict the arrival delays of flights.
- Designed the model and predicted the delays using the SAS Enterprise Miner.

Web Analytics

August 2015

- Designed and developed a personal website www.alokc.me and tracked all the analytics data like web traffics, geographical regions, web browsers and bounce rate etc.
- Designed and developed a website using word press themes and tracked key metrics using google analytics.