***Sandy Bodhankar***

***SQL Server Developer***

***Email:*** [***sandipsql8@gmail.com***](mailto:sandipsql8@gmail.com) ***H1B, 6368, LA***

**Professional Summary:**

* **Over** **9+Years** of IT experience which includes System Analysis and Design, Development & Support of **MS SQL Servers 2005/2008 R2 and 2012** in Production, QA and Development Environments.
* Strong experience with T-SQL**(DDL & DML)** in Implementing & Developing **Stored Procedures**, **Triggers**, **Nested Queries, Joins, Cursors, Views, User Defined Functions**, **Indexes**, **User Profiles, Relational Database Models,** Creating & Updating tables and checking the database consistency by executing **DBCC Commands**.
* Ability to work in all stages of System Development Life Cycle (**SDLC**).
* Experience in **Error handling** and **debugging** coding issues and troubleshoot **production problems.**
* Extensive Experience in **RDBMS** concepts such as Tables, User Defined Data Types, Indexes, Indexed Views, Functions, CTE’s, Table Variables and **Stored Procedures.**
* Experience in using tools like **Database Engine Tuning Advisor, SQL Profiler, Index Tuning Wizard and Windows Performance Monitor for Monitoring and Tuning MS SQL Server Performance.**
* Expertise in SQL Server 2005 Reporting Services (**SSRS**), SQL Server 2005 Integration Services (**SSIS**) and in SQL Server 2005 Analysis Services (**SSAS**) in Business Intelligence (BI).
* Hands on experience with performing various **SSIS** data transformation tasks like **Look-ups**, **Fuzzy Look-ups**, **Conditional Splits** and **Event Handlers**, **Error Handlers** etc.
* Transformed data from one server to other servers using tools like **Bulk Copy Program** (BCP), **Data Transformation Services** (DTS) (2000) and **SQL Server Integration Services** (**SSIS**) (2005/2008 R2 and 2012).
* Excellent knowledge of Scheduling Jobs and Alerts using **SQL Server Agent**.
* Hands on experience in installing, configuring, managing, upgrading and migrating, **Backup/Restore,** monitoring and troubleshooting SQL Server 2008 R2/2012
* Experience in **Managing Security** of SQL Server 2008 R2 and 2012 Databases by creating Database **Users**, **Roles** and assigning proper **permissions** according to the business requirements.
* Experience in developing **Dashboard, Ad-hoc and Parameterized Reports**, Create complex reports (ex: drill down reports using different objects) using SSRS.
* Experience in Configure and maintain **Report Manager** and Report Server for SSRS, Deployed and Scheduled the Reports in Report Manager.
* Integration of SSRS Reports using various **web parts** into **SharePoint (MOSS 2007)** and various delivery mechanisms.
* Experience in Interacting with Business users to analyze the **business process** and **transforming requirements into screens**, performing **ETL**, **documenting** and rolling out the deliverables.
* Strong Experience in **Creating**, **Configuring**, **Deploying** and **Testing SSIS Packages.**
* Worked extensively on **Extraction**, **Transformation**, **Loading** data from **Oracle**, **DB2**, **Access, Excel, Flat Files** and **XML** using DTS, SSIS.
* Improved error handling and reduced the number of defects by implementing Audit Balance Control (ABC) using Informatica Power Center
* Experience in **.NET/C#** application development environment to use SQL Server Databases.
* Good experience in creating **OLAP** cubes using SQL Server analysis services (**SSAS**)**.**
* Experience in working with **Database setup, partitions** and maintenance.
* Good knowledge of **Data Marts**, Data warehousing, **Operational Data Store (ODS), OLAP**, Data Modeling like **Dimensional Data Modeling, Star Schema Modeling, Snow-Flake Modeling**, **FACT** and **Dimensions** Tables using **MS Analysis Services.**.
* Good understanding of **Normalization /De-normalization**, Normal Form and database design methodology Expertise in using data modeling tools like **MS Visio** and **Erwin Tool** for logical and physical design of databases.
* Experience in managing **large data sets on MS Excel 2013**
* Provided application security support for **SQL applications with ADO.NET**
* Skilled in design of logical and physical data modeling using **Erwin** data modeling tool.
* Worked with Business Analysts, Web development team, and users on database solutions.

**Technical Skills:**

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| **Tools &Packages** | SQL Server Management studio, Enterprise Manager, Profiler, SQL  Server Business Intelligent studio (BIDS), DTS, Report Builder 9.0,  HP QC, ProClarity 6.2,SharePoint 2007, Team Foundation Server |
| **BI Tools** | SSIS, SSAS, SSRS. |
| **Databases** | MS SQL Server 2000/2005/2008, 2012 MS Access 97/2003/2005/2008. |
| **Language** | T-SQL, PL/SQL, MDX,C, VB.net, C# (.NET) |
| **Operating Systems** | Windows vista/XP/2003/2000, Windows Server 2000/2003/2008, UNIX. |
| **Application Packages** | MS Office Suite, MS Outlook, Windows SharePoint Services. |
| **Data Modeling Tools** | MS Visio, Erwin |

**Educations:**

* Bachelors of Engineering from JNTU, India..

**Professional Experience:**

**BCBS,** [**Baton Rouge**](https://en.wikipedia.org/wiki/Baton_Rouge,_Louisiana)**, Louisiana. Mar 14 – Till Date**

**Senior SQL Server BI Developer**

Blue Cross and Blue Shield insurance companies are licensees, independent of the association and traditionally of each other, offering insurance plans within defined regions under one or both of the association's brands. Blue Cross Blue Shield insurers offer some form of health insurance coverage in every U.S. state. They also act as administrators of Medicare in many states or regions of the US and provide coverage to state government employees as well as to the federal government employees under a nationwide option of the Federal Employees Health Benefit Plan

**Responsibilities:**

* Interacted with Business Users and Analyzed user requirements and built reporting solutions such as relational database reports OLAP reporting, dashboards, and scorecards.
* Created SSIS packages to pull data from SQL Server and exported to Excel Spreadsheets and designed SSIS Packages to extract, transfer, load (ETL) existing data into SQL Server 2008 from different environments.
* Created the SSIS /DTS packages and scheduled them using Sql Server agent
* Developed ETL packages with different data sources (SQL Server, Flat Files, Excel source files, XML files etc and loaded the data into target tables by performing different kinds of transformations using SQL Server Integration Services (SSIS
* Designed and developed efficient SSIS packages for processing fact and dimension tables using transformations like Fuzzy lookup, lookup, merge, merge join, script component and Slowly changing dimension .
* Performed archiving and achieved automated processing of the raw data through the ETL process in SSIS.
* Used Vb.net and C# in Script task of SSIS 2008 Packages
* Created Stored Procedures to transform the Data and worked extensively in T-SQL for various needs of the transformations while loading the data
* Achieved breakthrough of a complex Informatica issue at the critical juncture of the project.
* Created and developed data dictionary, tables, views, indexes, functions and advanced queries for databases by using Query Analyzer and SQL Server Enterprise Manager
* Performing data transfer/migration using Export/Import and Data Transformation Services.
* Pulled data from various tables and databases to generate reports using different types of joins
* Created new database objects like Sequences, Procedures, Functions, Packages, Triggers, Indexes and Views using T-SQL in Development and Production environment for SQL Server
* Designed and implemented Parameterized and cascading parameterized reports using SSRS.
* Experience in creating snapshots of static reports and configure subscription
* Developed Query for generating Drill Down and Drill Through Reports in SSRS Microsoft visual studio(MSVS)
* Designed and formatted SSRS Reports using Parameters and Expressions for the Reports.
* Automated the execution of SSRS reports using Subscriptions and Data-Driven Subscriptions.
* Build different types of chart reports using SSRS like column chart and Pie charts.
* Created sub reports and pass through parameters from main report to the sub reports.
* Deploying and Scheduling Reports using SSRS to generate all daily, weekly, monthly and quarterly reports including current status.
* Generated various Report models on Views (due to security issues) and deployed them on to the production reporting server and generated various Report models and ad-hoc reports.
* Created snapshots of reports to reduce the load on the server using SSRS 2008

**Environment**: SSIS/SQL 2005/2008 R2, SSAS, ERWIN 8 Data Modeling tool, XML Schema, Informatica 9.5, FTP, BIDS, Visual Studio2010.

**Bank of America, Charlotte, NC Jul 13 – Mar 14**

**Role: Senior SQL Server Developer**

Bank of America is one of the world's largest financial institutions, serving individual consumers, small and middle market businesses and large corporations with a full range of banking, investing, asset management and other financial and risk-management products and services. This project was designed to perform new and renewal business on loans based on the details like company contact activities, financial accounts, and transfer data from different databases to SQL Server. And also involved in designing new database schema , extraction of data, performing various transformations and then loading all the relevant data into a data mart and generates reports to analyze performance.

**Responsibilities:**

* Worked with business analysts and users to understand the requirement.
* Involved in Development and Coding of SSIS packages for Wholesale Credit Data Mart And Infrastructure Reporting (WCDIR) Project
* Involved in Data Extraction from various System of Records (SORs) like ORACLE, SQL Server, teradata and Flat Files for the Wholesale Credit Risk Data Warehouse.
* Designed and Developed ETL Process for integrating data from sources like Excel, CSV, Flat Files, Web Services, XML Source and SQL Server.
* Developed the CDM packages using Microsoft BI – SSIS, Informatica, SQL Server and DB2.
* Designed packages which utilized tasks and transformations such as execute sql task, execute process task, send mail task, ftp task, execute package task, xml task, data flow task, sequence container, for each loop container, lookup, aggregate, expression, ole db command, and derived column.
* Utilized event handling effectively to generate audits and logs for the generated SSIS packages.
* Performed archiving and achieved automated processing of the raw data through the ETL process in SSIS.
* Worked with Auto sys Software for job scheduling and automation.
* Created database Objects like Tables, Views, Stored Procedures, Indexes and Triggers.
* Created complex queries which involve usage of joins, sub-queries, functions, temporary tables etc.
* Created Stored Procedures to transform the Data and worked extensively in T-SQL for various needs of the transformations while loading the data
* Created Indexes for fast retrieval of the data and used string functions for space management in database. Involved in Performance tuning and Query Optimization using execution plan.
* Extensively involved in for end-to-end testing, Data Validations and Reconciliation of the Data Loads for the Mart.?
* Provided on- and off-hours support of production ETL processes for Data Mart applications
* Developed and documented source to target mapping specifications and logic for the Data Mart.
* Create Test Plans, Test Cases and logs defects
* Responsible for maintaining scripts, promotion checklist, project documentation and documentation for the ETL Process in Team Foundation Server and Visual Source Safe

**Environment:** SQL Server 2005, MS Server Integration services, SSRS (MS server Reporting Services), Informatica Window 2007 Server, and TFS, Auto sys, Aqua studio.

**PNC Bank, Pittsburgh, PA Aug 11 - Jun 13**

**Role: SQL Server Developer**

PNC Bank provides financial services, including Consumer banking, home loan, mortgages, Business banking, fund administration services and trade operations management services. This project has an application Loan Calculator that performs the required calculations to approve loan for a new user who has applied, interest rate, minimum payment amount per month, number of months to clear loan. The aim of the project was to design and develop Enterprise Data warehouse and migrate the data from different sources into the databases using SSIS and generating customer profile reports and customer transaction reports using SSRS.

**Responsibilities:**

* Created/Updated database objects like tables, views, stored procedures, function, packages.
* Created views to facilitate easy user interface implementation, and triggers on them to facilitate consistent data entry into the database.
* 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.
* Deployed and scheduled reports using SSRS to generate all daily, weekly, monthly and quarterly reports including current status.
* Performance tuned the module using techniques like cache, scripting and transformation improvements in Informatica Power Center.
* Developed and delivered dynamic reporting solutions using MS SQL Server 2008 Reporting Services (SSRS).
* Involved in monitoring and tuning report performance by analyzing the execution plan of the report.
* Generated Drill down, Drill through, Adhoc, Matrix Reports, parameterized reports using SSRS.
* Monitored the overall performance of the database to recommend and initiate actions to improve/optimize Performance.
* Automated and enhanced daily administrative tasks including database backup and recovery.
* Helped create process logging and new monitoring tools, integrity reports, and mapping tools.
* Involved in setting up SQL Server Agent Jobs for periodic Backups with backup devices, database maintenance plans and recovery.

**Environment:** SQL Server 2005/2008 Enterprise Edition, SSIS, SSRS, Informatica, MS PowerPoint, MS Project, Oracle , PL/SQL, C#,VB.Net , XML, Visual Studio 2008 & 2005,MS Visio 2007,TortoiseSVN.

**UnitedHealth Group, Plymouth, MN May 10- Aug 11**

**Role: SQL Developer**

United HealthCare coordinates network-based health and well-being products and services that are innovative, affordable, and keep individuals involved in their own health and wellness. The businesses of UnitedHealth Group are diverse; they are involved in decision making that often has positive life-changing consequences for millions of Americans and execute complex health-related transactions on a huge scale. We have perhaps the largest network of physicians, hospitals, health facilities and caregivers in the nation.

**Responsibilities:**

* Worked in creating complex StoredProcedures, triggers, cursors, tables, views, joins and statements for applications. Developed complex T-SQL code for the application.
* Involved in designing the physical databases model on SQL Server 2005/2008 R2 RDBMS using different Data Definition and Data Manipulation languages (DML/DDL) implementing constraints and triggers for data integrity in development database for Warehouse system.
* Extensively used T-SQL to manipulate and architect to produce results for users.
* Performance tuning of Queries and Stored Procedures.
* I Used SQL profiler to view indexes performance to mostly eliminate table scan.
* Worked with development teams in the design of physical databases and in modification.
* Performed efficient tuning of SQL source queries for data load/ Usage of stored procedures for performance.
* Worked on all activities related to the development, implementation, administration and support of ETL processes for large-scale Data Warehouses using SSIS and DTS.
* Created SSIS process design architecting the flow of data from various sources to target.
* Used SSIS to create ETL packages (.dtsx files) to validate, extract, transform and load data to data warehouse databases, data mart databases and process SSAS cubes to store data to OLAP databases.
* Created SSIS Templates for developing SSIS Packages in such a way that they can be dynamically deployed into Development, Testing and Production Environments.
* Developed DTS packages to copy tables, schemas and views and to extract data from Excel and Oracle using SSIS.
* Created ETL SSIS packages both design and code to process data to target databases.
* Knowledge in designing and developing Data Warehouses, Data marts and Business Intelligence using multi-dimensional models such as Star Schemas and Snow Flake Schema for developing Cubes using MDX.
* Constructed OLTP and OLAP Databases.
* Created complex SSAS cubes with multiple fact measures groups, and multiple dimension hierarchies based on the OLAP reporting needs.
* Created calculated fields with MDX code to meet additional measures needs that are calculated from existing measures.
* Used efficient task objects/connections/work flows in packages based on data volumes and data sources.
* OLAP model based on Dimension and FACTS for efficient loads of data based on Star Schema structure on levels of reports.
* Creating Tabular, Matrix reports (also called as crosstab or pivot), Charts and graphs as per customer requirements Using SSRS.
* Good understanding of Microsoft Reporting Service (SSRS) with Report authoring, Report management, Report delivery and Report security.
* Created and developed query for Drill Down and AD Hoc Reports using SQL Server 2005/2008 R2 Reports Services (SSRS).
* Worked on various complex requirements of developing monitoring dashboards with multiple KPIs in Performance Point Monitoring Server 2007, Share point.
* Deployed designed PPS dashboards & reports in MOSS site using PPS Dashboard viewer Web Part for web based access for multiple end users.
* Used Notification services to generate error messages and send them to the user through e-mails, pager messages, and PDA as well as window messengers.
* Involving in Unit testing and QA testing
* Involved in project status report updates/ creation of issue items for reviews/ updates of technical and transformation files on timely basis.

**Environment:** SQL Server 2005/2008 Enterprise Edition, SSIS, SSRS, MS PowerPoint, MS Project, MS Access 2003 ,Oracle, SharePoint , PL/SQL, C#,VB.Net,ASP.NET, XML, Visual Studio 2008 & 2005,MS Visio 2007,TFS.

**National Life Group, Montpelier, VT Jan 09 - May 10**

**Role: SSRS Developer**

Supporting multiple applications on multiple environments like Production, Test and development servers for National Life Insurance Group, Vermont

**Responsibilities:**

* Understand user requirements and Data Model defined and developed by the business analysts and data architects.
* Performed DBA tasks like Backup, Restore of tables and Stored Procedures and Refreshing Database on weekly basis.
* Created complex Stored Procedures, Triggers, Functions, Indexes, Tables, Views and other T-SQL code and SQL joins for applications following SQL code standards.
* Implemented different types of constraints on tables.
* Designed and applied entity and attributes description and definition for the models.
* Managed indexes, statistics and tuned queries by using execution plan for optimizing the performance of the databases.
* Maintained the physical database by monitoring and optimizing performance, data integrity and SQL queries for maximum efficiency using SQL Profiler.
* Extract, Transform and Load source data into respective target tables to build the required data marts.
* Migrated data from SAS environment to SQL Server 2005 with SQL Server Integrated Services (SSIS).
* Created ETL process using SSIS to transfer data from heterogeneous data sources.
* Created logging for ETL load at package level and task level to log number of records processed by each package and each task in a package using SSIS.
* Migrated DTS objects to SQL Server Integrated Services (SSIS) environment.
* Responsible for Deploying, Scheduling Jobs, Alerting and Maintaining SSIS packages.
* Designed SSAS cube to hold summary data for Target dashboards.
* Developed Cube with Star Schema.
* Created usage based aggregations in cube to minimize time for query retrieval from client tool Target.
* Implemented cell level security in cubes using MDX expressions to restrict users of one region seeing data of another region using SSAS.
* Responsible for gathering business requirements to create business user reports.
* Created Parameterized, Cascaded, Drill-down, Cross-tab and Drill-through Reports using SSRS 2005.
* Developed optimal stored procedures and queries to create data sets for reports.
* Designed and implemented stylish report layouts.
* Generated Reports using Global Variables, Expressions and Functions for the reports.
* Responsible for scheduling the subscription reports with the subscription report wizard.
* Played a Content Manager role on report server.
* Worked on performance tuning on existing stored procedures and existing reports for the faster processing of reports.
* Performed unit and system testing, troubleshooting and bug fixing in development and QA environments.

**Environment:** Microsoft SQL Server 2000/2005/2008 Enterprise Edition, MS Access, ETL Packages (SSRS,SSIS),Great Plains, PL/SQL, C#,VB.Net,ASP.NET, .Net 3.5 SP1,SP2 & 3.0, HTML, IIS, Visual Studio 2008 & 2005, Visual Source Safe, DTS, T-SQL, Oracle 10G,nt scripting, VSS,TFS.

**I Space Global Services, India Aug’05 - Nov’08**

**SQL BI DEVELOPER**

I-Space is a global services company focused on information technology and business process solutions. This company mainly centered in four areas consulting, outsourcing software products and staffing. Specialized in healthcare, insurance, entertainment, automobile and financial services**.**

**Responsibilities:**

* Requirement gathering – Solution design
* Actively involved in Normalization of database.
* Worked on DDL and DML operations on MS SQL Server 2000
* Involved in performance tuning (DB Tuning) and monitoring of T-SQL blocks.
* Fine-tuned the logic in Procedures, Functions and Triggers for optimum performance.
* Generated server side T-SQL scripts for data manipulation and validation and created various snapshots and materialized views for remote instances.
* Created Stored Procedures to transform the Data and worked extensively in T-SQL for various needs of the transformations while loading the data
* Created and developed data dictionary, tables, views, indexes, functions and advanced queries for databases by using Query Analyzer and SQL Server Enterprise Manager
* Performing data transfer/migration using Export/Import and Data Transformation Services.
* Created new database objects like Sequences, Procedures, Functions, Packages, Triggers, Indexes and Views using T-SQL in Development and Production environment for SQL Server 2000/2005.
* Used Try catch block, Merge and Common table expressions in T-sql
* DB Tuning And optimizing SQL Server by using performance monitor.
* Create packages, procedures, functions and triggers. Handle database performance and DB tuning.
* Created SSIS process design architecting the flow of data from various sources to target
* Created complex SSAS cubes with multiple fact measures groups, and multiple dimension hierarchies based on the OLAP reporting needs.
* Data transfers between various servers using DTS.
* Creating and running DTS Packages for Import and Export of Heterogeneous Data.

**Environment:** SQL Server 2000/2005, VBScript, ASP, .Net, Excel, MS Access, Visual Basic 6.0, and Windows 2000/NT 4.0