**Sudeep R.**

**SQL BI DEVELOPER/SSIS/SSRS Developer**

**Professional Summary:**

* Around 7+ years of IT experience in the Analysis, Design, Implementing, Testing Client/Server application using **Microsoft SQL Server and Business Intelligence Development Studio (BIDS).**
* Knowledge working with all phase of Software Development Life Cycle (**SDLC**).
* Experience in Logical and Physical Database design and development, Normalization and Data Modeling using **Erwin** data model.
* Experience in **MS SQL Server 2012/2008/2005**, BI tools like SQL Server Integration Services (**SSIS**), SQL Server Reporting Services (**SSRS**) and SQL Server Analysis Services (**SSAS**).
* Proficient in using T-SQL for developing complex **Stored Procedures**, Triggers, Tables, Views, User Defined Function, **CTEs** (Common Table Expression), Subqueries, Joins.
* Expert in using tools like MS **SQL Profiler**, Database Engine Tuning Advisor, Windows Performance for monitoring and tuning **SQL Server performance**.
* Experience in **Administration/Management**, **Installation, Upgrade, Migration, Configuration** of **Windows Servers** and **MS SQL** Servers
* Experienced in **ETL** processes involving migrations and in sync processes between two databases.
* Experience in using **Change Data Capture** for track DML operation on Database level.
* Expert in developing **SSIS Packages** to Extract, Transform and Load (**ETL**)data into the Data Warehouse from heterogeneous databases such as Oracle, DB2 Excel, MS Access, Flat Files using multiple transformations provided by SSIS such as Data Conversion, Conditional Split, Bulk Insert, and Union All.
* Experienced in creating **Configuration files** to deploy the SSIS packages across all environment.
* Transformed data from one server to other server using tools like Bulk Copy Program (**BCP)**, Data Transformation in SSIS.
* Experience in creating Jobs Alerts, SQL Mail Agent and **Scheduled SSIS package.**
* Experience in designing different kind of reports like, Tabular Reports, Matrix Report, **and Drill-Through Reports, Parameterized Reports and Graphical Report using SQL Server Reporting Services 2012 /2008R2** SSRS.
* Knowledge generating **On-Demand**, **Snapshot**, **Dashboard** and Scheduled reports for Business Analysis or Management decisions using SQL Server Reporting Services 2012/2008R2 (SSRS).
* Knowledge in designing and building the dimensions and cubes with star schema using SQL Server Analysis Services (**SSAS**).
* Ability to handle multiple tasks and responsibilities as a proactive team member.
* Excellent communication and inter-personal skills with ability to develop creative solutions for challenging client needs.
* Strong **Data Conversion** and Analysis Skills
* Quick learning, dedicated and hardworking with good analytical, designing and programming skills.

**Educational Qualification:**

Bachelor in Computer Application

**Technical Skills:**

MS SQL Server 2012/2008R2/2008/2005

MS SQL Server Integration Services (SSIS), SQL Server DTS, MS SQL Server Reporting Services (SSRS),

MS SQL Server Analysis Services (SSAS)

Microsoft Products MS Word, MS Excel, MS Power Point, MS Access, T-SQL

**Professional Experience:**

**Astadia Inc., Indianapolis, IN Apr’14- Apr’16**

**Role: MS SQL BI Developer**

Astadia Inc. is a global business consulting, marketing, and technology services company. It provides services and solutions to the industries like Automotive, Financial, Healthcare and Pharmaceutical and many mores. The project is to create different SSIS Packages and to generate the reports using SSRS for various business units.

**Responsibilities:**

* Key role involvement in writing T-SQL Queries, sub-queries and complex joins for generating **Complex Stored Procedure**, Triggers, User-defined Functions and **Views**.
* Involved in general Database administration, **Query Performance Tuning** and validated some of the existing schemas
* Administered SQL Server security and apply security across environments and trouble shoot security issues on daily basis.
* Administered the SQL server 2012/2008R2 by creating user logins, dropping and locking the logins, monitoring the user accounts, creating groups, granting privileges to users and groups.
* Monitored, **scheduled jobs** and alerts and did troubleshooting when failed on daily basis.
* Experienced in setting up database backup and recovery procedures for production, QA and development servers.
* Involved in migrating database from Oracle 11g to SQL server 2012.
* Experienced with Dropping and recreate the tables for the damaged databases to avoid data loss.
* Involved in daily batch loads (**Full and Incremental**) into Staging and ODS areas, troubleshooting process, issues and errors using SQL Server Integration Services (**SSIS**).
* Involved in complete **SSIS life cycle** in creating SSIS packages, building, deploying and executing the packages in both the environments. (Development and Production).
* Worked in High Level Design SSIS Packages for integrating data using **OLE DB** connection form heterogeneous sources like **Excel, CSV, Oracle,** **Flat File** by using multiple transformation provided by SSIS such as **Data Conversion**, Conditional Split, Bulk Insert, Merge and Union all.
* Proficient in creating **ETL package for data conversion** using various transformations tasks
* Developed **DTS** and **SSIS** packages to extract, transform and load (ETL) the data using SQL Server 2008 Integration Services and successfully completed DTS to SSIS conversion
* Expert in Data Extraction, Transforming and Loading (**ETL**) using, For Each Loop in SQL Server Integration Services (SSIS).
* Designed and developed **migration of data** from diverse source such as Excel, Flat file and CSV files to SQL Server data
* Worked on maintenance and administration of SSIS by creating **Jobs, Alerts and Scheduled** DTS/SSIS Packages.
* Generated periodic reports based on the statistical analysis of the data form various time frame and division using SQL Server Reporting Services (**SSRS**).
* Develop reports using complex formulas and to query the database to generate different types of **ad-hoc** reports using SSRS.
* Develop various operational **Drill-through** and **Drill-down** reports using SSRS.
* Used Cascaded parameters to generate a report from two different Data Sets.
* Created complex SSAS cubes with multiple fact measure groups and multiple dimension hierarchies based on the **OLAP** Reporting needs.
* Developed Reports for business end users using **Report Builder** with updating statistics.
* On call 24/7 support to databases on weekly rotation.

**Environment:** SQL Server 2012/2008R2, SQL Integration Services 2012/2008R2, SQL Server Reporting Services 2012/2008R2, SQL Profiler, Visual Studio 2013/2010, Window 8, MS Office 2007/2010

**CIGNA Corporation, Minnetonka, MN Sep’12- Mar’14**

**Role: SQL Developer**

Cigna is one of the leading health insurance providers in the United States, designed to help customers improve their health, well-being and security. The project involved design and development of SQL Server Integration packages to export and import various hospitals data to load into the back end data which will be used for reporting services.

**Responsibilities:**

* Understanding of existing business processes, project functional and technical specifications.
* Wrote **T-SQL Queries**, Sub-queries and Complex Joins (Inner, Outer, Self) for generating complex Stored Procedures, Triggers, User-Defined Functions
* Designed **SSIS Packages** using various Tasks like Execute SQL Task, Bulk Insert, Data Flow Task, File System Task, and Send Mail Task.
* Experience in creating complex SSIS packages using proper Control and Data flow elements with **Error handling**.
* Designed, Developed and Deployed SSRS reports.
* Used **Dynamic Parameters** in SSRS to enable/disable the parameters based on user selection.
* Generated Tabular, Matrix, Drill Down, Sub reports, Chart, Multi parameterized reports using Variables, Expressions and Functions for the reports.
* Experience in creating Ad-hoc reports using **Report Builder**.
* Generated periodic reports based on the statistical analysis of the data form various time frame and division using SQL Server Reporting Services (SSRS)
* Performed maintenance duties like **Performance tuning** and optimization of queries, functions and stored procedures.
* Worked on multiple **Installations, Configurations and Maintenance** of SQL servers 2008R2 and 2012.
* Worked on SQL Server 2012 migration from SQL Server 2008 / 2005
* Worked on **Data Conversion** and loading the data into SQL server database
* Worked with **Informatica Data Quality 9.6.1 (IDQ)** toolkit, Analysis, data cleansing, data matching, data conversion, exception handling, and reporting
* Assisted with virtualization efforts for the remaining environments that could not be consolidated.
* Deployed scripts in Production Environments usually after Production hours for various applications.
* Worked directly with project managers, developers, customers and vendors planning and implementing new environments as well as restructured and rebuilt existing environments.
* Assisted internal development teams with database design, performance tuning, security, maintenance and management.
* Monitored and modified Performance using **Execution plans** and **Index tuning**.

**Environment:** MS SQL Server 2012/2008R2, T-SQL, MS SQL Integration Services 2012/2008R2, MS SQL Server Reporting Services 2012/2008R2, MS SQL Profiler, SQL Query Analyzer, Visual Studio 2010, Window 8, MS Office 2007/2010

**PNC, Pittsburgh, PA**  **Jul’11 – Aug ’12**

**Role: MS SQL Server Developer**

PNC offers a wide range of services for all our customers, from individuals and small businesses, to corporations and government entities. It also provides deposit, lending, cash management and investment services to more than 5 million consumer and small business customers. The project dealt with Analysis and design of the System that involved multiple databases which contained product, customer information, from which the investment growth of the customers was derived in the form of reports which were useful to track the progress, this report was send to the field managers through web application.

**Responsibilities:**

* Requirements gathering, Analysis and Design of all the client requirements.
* Performed Data Modeling and Developed logical and physical model using Erwin and implementing them to SQL Server.
* Wrote custom T-SQL stored procedures and triggers to improve performance, preserve referential integrity, and provide additional application functionality.
* Created SSIS packages using various data transformations like Lookup, Derived Column, Conditional Split transformation etc. to migrate the old Bills information, Customer Information, Contracts Information and other important data.
* Migrated SQL Server 2005 databases to SQL Server 2008 databases including DTS to SSIS migration and migrated SQL Server 2008 to **VMware** and SQL to Oracle using SSMS.
* Used SSIS to upload amortization schedules sent by the client in .CSV format on to the staging tables, which were used for doing all the calculation. Then the data was moved to the core tables and the staging tables were deleted.
* Designed, coded and implemented ad hoc reports using existing report models in SSRS.
* Identified the Data Source and defined them to build the Data Source Views.
* Generated matrix reports, drill down, drill through, sub reports, chart reports, multi parameterized reports using Variables, Expressions and Functions for the reports.
* Created Alerts for successful or unsuccessful completion of scheduled Jobs.
* Performed Index analysis for tables and came up with more efficient solutions to use Clustered and Non-Clustered Indexes for significant performance boost.
* Optimized Queries and did performance tuning of SQL queries and stored procedures using SQL Profiler and Index Tuning Wizard.
* Involved in testing, bug fixing and documentation for the project.

**Environment:**

MS SQL Server 2008R2/2008, T-SQL, MS SQL Server Integration Services 2008R2, MS SQL Server Reporting Services 2008R2, MS SQL Profiler, SQL Query Analyzer, Windows XP, MS Office 2003/2007

**Prudential Financial, Roseland, NJ**  **May’09 – Jun ’11**

**Role: MS SQL Server BI Developer**

Prudential Investments is part of Prudential Financial, which is recognized by millions for its heritage of helping people grow and protect their wealth for more than 130 years. Prudential Investments offers a broad spectrum of mutual funds that can be used to build diversified portfolios that help address a wide range of investor needs. The main objective of the project was to improve performance and collect data from various database sources to perform analysis and then integrate them with the existing systems and creating reports in SSRS.

**Responsibilities:**

* Worked with business stakeholders, application developers, production teams and across functional units to identify business needs and discuss solution options.
* Agile methodology was used throughout the project, performed pivotal role in planning and developing as well as aligning with the assigned sprints.
* Developed and deployed SSIS packages for ETL from OLTP and various sources to staging and staging to Data warehouse using Fore Each Loop Container, Execute Package task, Execute SQL Task, Sent Mail task, Lookup, Derived Columns, Condition Split, CDC, Slowly Changing Dimension and more. Performed ETL mappings using MS SQL Server Integration Services.
* Involved in Production support with Deployment of the SSIS Packages and schedule SSIS packages using SQL Server Agent Job.
* Wrote complex SQL queries using joins, sub queries and correlated sub queries to retrieve data from the database.
* Created/Updated database objects like tables, views, stored procedures, function, packages.
* Designed Change data capture to capture insert, update, and delete activity applied to SQL Server tables, and to make the details of the changes available in an easily consumed relational format.
* Created views to facilitate easy user interface implementation, and triggers on them to facilitate consistent data entry into the database.
* Rigorously tested and debugged the Stored Procedures and used Triggers to test the validity of the data after the insert, update or delete.
* Deployed reports on Report Server and also scheduled reports using SSRS to generate all daily, weekly, monthly and quarterly reports including current status.
* Developed and delivered dynamic reporting solutions using MS SQL Server 2008R2 Reporting Services (SSRS).
* Involved in monitoring and tuning report performance by analyzing the execution plan of the report.
* Generated Drill down, Drill through, Matrix Reports, parameterized reports, cascading parameterized Reports using SSRS.
* Designed and developed monthly, quarterly and yearly reports at branch and bank level.

**Environment:**

SQL Server 2008R2/2008/2005, Server Integration Services 2008, SQL server Reporting Service 2008, Microsoft Visual Studio, SQL Server Management Studio, MS Excel, T-SQL

**North Valley Bank, Redding, CA Nov’08-Apr’09**

**Role: MS SQL BI Developer/ DBA**

North Valley Bancorp specializes in real estate loans and residential mortgages, consumer installment loans, business loans, and direct financing leases. The data from various data marts at the agent sites are loaded into the primary databases and the pre-quotes are generated depending on the customer information and given as a QUOTE for the prospective customers.

**Responsibilities:**

* Migrated the DTS packages into SSIS and created new SSIS packages to Extract, Transform and Load the data from old data warehouse to new data warehouse and OLTP to OLAP.
* Administrated SQL Server 2005/2005 servers and production, pre-production, non-production databases, Front end Application support and Performance Analysis/tuning.
* Created Documentation, schema designing, ER Diagrams using Erwin and MS Visio and involved in architecture.
* Monitored SQL server performance using profiler to find performance, Dead locks, blockings and Capturing long running SQL queries for fine-tuning SQL statements that better result in efficient SQL statements processing.
* Migrated SQL Server 2005 databases to SQL Server 2008 databases including DTS to SSIS migration and migrated SQL Server 2008 to VMware and SQL to Oracle using SSMS.
* Configured SQL Server 2008 Two Node Cluster in a Box for test environments using VMware Workstation
* Developed SSRS custom reports, Ad-hoc reports, sub reports.
* Extensively worked on snapshot and merge replication.
* Extensively worked on Log Shipping and Database Mirroring for 2000 and 2005 Production servers and SQL server 2005 security Audit

**Environment:**

MS SQL Server 2005/2008, SQL Server Reporting Services 2008/2005 (SSRS), SQL Server Integration Services 2008/2005 (SSIS), VSS, Microsoft Visual Studio, SSMS, MS Excel, T-SQL, Erwin.