**Raju Kumar**

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832-531-3305

**SQL Server BI Developer**

**Summary:**

* Over **8 years** of professional experience in **SQL Server database development** in **Banking Health Care and Retail** domains including Database Design and Development
* Extensive experience with **SQL** Server and **T-SQL** in constructing **tables, triggers, user defined functions, views, indexes, user profiles, relational database models, data dictionaries, and data integrity.**
* Experienced in developing database scripts (**DML**/ DDL), stored procedures and other database objects necessary to accomplish project objectives
* Substantial knowledge throughout Database development for both **OLTP** (Batch Processing, Online Processing) &**OLAP** Systems (**SSRS, SSIS, SSAS)** using **SQL Server 2012/2008R2/2008/2005.**
* Experience in **Extracting, Transforming and Loading** (ETL) data from Excel, Flat file, **Oracle to MS SQL Server** by using **BCP utility, DTS and SSIS services**.
* Extensive **ETL** experience using **DTS/SSIS** for Data Extractions, Transformations and Loads.
* Developed Complex database objects like **Stored Procedures, Functions, Packages and Triggers using SQL and PL/SQL.**
* Proven ability in generating **Drill down** and **Drill through** reports with **Drop down** menu option**.**
* Experienced in Database optimization and developing stored procedures, Triggers, Cursors, Joins, Views.
* Experience in **Oracle supplied packages, Dynamic SQL, Records** and **PL/SQL Tables.**
* Extensive Tableau Experience in Enterprise Environment.
* Experience in **MS SQL Server configuration**, performance tuning, client/server connectivity, query optimization, back-up/recovery, running Database Consistency Checks using **DBCC.**
* Substantial practical knowledge in scripting **T-SQL queries,** complex stored procedures, User Defined Functions (UDF), Database triggers.
* Expertise in configuring and creating **SSIS** solutions for ETL and Business Intelligence Process for **Data Integration and Migration services**.
* Expertise in **Microsoft Integration Services SSIS** (Control Flow tasks, Data Flow tasks, Transformations, Database administration tasks)
* Has a very good experience in creating **SSIS** packages to manage **SQL server databases** and **SQL** server objects between instances of **SQL server**.
* Extensive knowledge of **Designing, Developing** and deploying various kinds of reports using **SSRS** using relational and multidimensional data.
* Hands on experience in designing complex reports using **SQL Server Reporting Services (SSRS)** and Crystal Reports.
* Expertise in creating **Perspectives, Partitions and Design Aggregations** in cubes using **SSAS**.
* Expertise in creating **Dashboard Reports** to support end users using **SSAS.**
* Experience throughout developing **OLAP** cubes using **SSAS** for data mining and created reports from the **OLAP** cubes using **SSRS** and **Report Builder 3.0.**
* Proficient in building **Star schema and Snow Flake schema** depending on business requirements.
* Proficient in working with **Multidimensional Expressions (MDX).**
* Efficiently helped in the **Software Development Life Cycle (SDLC)** processes including Analysis, Design, Programming, Testing and Documentation
* Good team player, strong interpersonal and communication skills combined with self-motivation, initiative and the ability to think outside the box.

**Technical Skills**

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| * **Languages** | C, T-SQL, PL/SQL, JavaScript, C#, Java (basic). |
| * **RDBMS** | SQL Server 2012/2008R2/2008/2005 MS-Access, MySQL. |
| * **Front End** | MS Visual Basics 6.0. |
| * **Web Technologies** | HTML, XML, JavaScript, PHP, Shell Scripting, PowerShell 2.0 |
| * **Version Control** | Visual Source Safe, Clear Case. |
| * **SQL Server Tools** | SQL Server Management Studio, Enterprise Manager, Query Analyzer, SQL Profiler, Data Base Engine Tuning Advisor, Business Intelligence Development Studio, SSIS, SSAS, SSRS, Data Transformation Services. |
| * **Data Modeling** | Erwin r7.3/7x/4.0, MS Office Visio 2003/2007 |
| * **Operating System** | Windows 2000, Windows Server 2003, Windows NT, Windows XP/Vista/7/8, Linux. |
| * **Methodologies** | Logical and Physical Database Design, Star Schema, Snow Flake Model, UML, Database Design and Normalization. |

**Professional Experience**

## UNITED HEALTHCARE, Baltimore MD Dec 2014 – Till Date

## Role: SQL Server BI Developer/SSIS/SSRS/SSAS

UnitedHealth Care is an operating division of UnitedHealth Group, the largest single health carrier in the United States. The Company delivers innovative products and services to approximately 70 million Americans. UnitedHealth care’s nationwide network includes 768,471 physicians and health care professionals, 80,000 dentists and 5,675 hospitals.

**Responsibilities:**

* Extensively used **SSIS** to create **ETL** packages to validate, extract, transform and load data to data warehouse databases, data mart databases.
* Developed **SSIS** Templates which can be used to develop **SSIS** Packages such a way that they can be dynamically deployed into Dev., Test and Production Environment and extracted the data using **SSIS** from **OLTP to OLAP**.
* Upgrading the **FACETS** system from version **2.96 to 4.21**.
* By using **FACETS** enables health plans to achieve operational efficiency.
* Experience in **Handling premium billing, commissions, capitation, and reporting** by using Facets.
* Implemented **data warehouse** design principles and best practices for maintaining dimension and fact tables.
* Generated Parameterized Reports and cascaded Parameterized Reports.
* Executing data validation stored procedures in **SSIS** packages in **Business Intelligence Development Studio (BIDS)** and performance tuning of **Stored Procedures** and **T-SQL Queries**.
* Created SSIS packages to extract data from **OLTP to OLAP** systems and Scheduled Jobs to call the packages and Stored Procedures.
* Modified the measures, dimensions, attributes, hierarchies, measure groups and deployed the changes to cube in **SSAS**.
* Created shared **dimension tables**, **measures**, **hierarchies**, levels, cubes and aggregations on MS OLAP/ Analysis Server **(SSAS).**
* Involved in Analyzing, designing, building &, testing of **OLAP cubes** with **SSAS 2005 a**nd in adding calculations using MDX.
* Created a cube using multiple dimensions and modified the Relationship between a Measure Group and a Dimension, created calculated members and KPI’s, using SSAS.
* Created **Parameterized**, **Cascaded**, **Drill-down, Cross-tab** and **Drill-through** Reports using **SSRS2008.**
* Generated adhoc Tableau reports on demand for providers.
* Generated Tableau reports with Trend lines.
* Generated Tableau Dashboards with multidimensional database.Remodeled existing DW as well as create logical and physical data model for the new data mart.
* Involved in developing stored procedures, triggers for the application.
* Involved in Analyzing, designing, building &, testing of **OLAP cubes** with **SSAS 2005 a**nd in adding calculations using MDX.
* Worked on up gradation of Database from **SQL Server 2008R2 to 2012.**
* Performed **T-SQL tuning and optimization of queries for reports that take longer execution time using MS SQL Profiler, Index Tuning** Wizard and SQL Query Analyzer in **MS SQL Server 2005**.

**Technical Environment:** Microsoft SQL Server 2012/2008/2005, MS Access, SSAS,SSIS, SSRS, HTML, Visual Studio 2005/2008/2010, IIS, Query Analyzer,, ERWIN, Windows server 2008R2, DTS, TSQL, .Net , SQL Profiler, DTS, Team Foundation Server, Visual Source Safe, Tableau 7.0.

## EWIE CO., INC., Ann Arbor, Michigan Nov 2013 –Dec 2014

## Role: SQL Server BI Developer/SSIS/SSRS/SSAS

EWIE Company is a global leader in commodity management services spanning cutting tools, abrasives, special tools and industrial supplies with over 30 years of experience.EWIE currently manages over 70,000 parts comprising millions of dollars of inventory at over 94 contracts globally.

**Responsibilities:**

* Responsible for **ETL operation** using **SQL Server Integration Services (SSIS) 2008/2008R2/2012** and Worked with users in training and support and also have experience in **incremental data loading**.
* Managed **up gradation ofDTS packages to SSIS packages**
* Responsible for developing, monitoring and deploying **SSIS2012/2008R2/2008** packages.
* Created many complex **Stored Procedures/Functions** and used them in **SSRS** Reports directly to generate reports on the fly.
* Designed and created **MDX queries** to retrieve data from **cubes using SSIS**.
* Substantial knowledge throughout Database development for both **OLTP** (Batch Processing, Online Processing) &**OLAP** Systems (**SSRS, SSIS, SSAS)** using **SQL Server 2012/2008R2/2008**
* Enabled **Logging, Database mirroring, Replication** for the **SSIS(ETL)** packages.
* Configured Server for sending automatic mails to respective people on **SSIS (ETL)** process failure or success.
* Generated various reports based on business requirements using **SSRS** that could be used to send information to diverse group of users, clients and managers.
* Created various **Weekly** and **Monthly reports** showing detailed information in **SSRS**.
* Created **Cross-Tab, Drill-down, Parameterized** and **Sub-Reports** using Report definition Language (RDL).
* Involved in the creation of **Data Mart** by taking into various business process by identifying different dimensions and facts.
* Used **Active Directory** for Identity management designed to provide strong authentication and authorization for internal and external websites.
* Efficiently utilized the **Merge Join in SSIS and Merge statement** to populate the data warehouse from a source database which provides efficient and granular level of control.
* Performed **Data profiling tasks** In **SSIS (ETL)** using the Data Profile Viewer and then clean and standardize the data as appropriate for the Databases.

**Technical Environment:** Microsoft SQL Server-2008/2012, Visual Studio-2008/2010, T-SQL, Team Foundation Server, SQL Server Analysis/Integration and Reporting Services, Share Point 2010/2013.

## Golfsmith International Inc., Austin, TX Apr 2012 – Nov 2013

## Role: SQL Server BI Developer/SSIS/SSRS/SSAS

Golfsmith is an international golf retailer with stores all across the world. Consumer retail stores have served as interactive, informative and entertaining outlets for golf shoppers of all interests and skill levels.

**Responsibilities:**

* Used the SSIS to migrate data from databases such as Oracle and SQL Server database, flat files to centralized IT destination.
* Involved in **Developing, Monitoring and Deploying SSIS** packages and successfully created dynamic configuration packages in **SSIS**.
* Designed **SSIS** Packages to transfer data between servers, load data into database, archive data file from different **DBMSs using SQL Enterprise Manager/SSMS on SQL Server 2008/2005 environment**, and deploy the data. Used Event Handlers for Exception Handling in **SSIS** packages.
* **Developed Report** Models using report builder and distributed reports in multiple formats using **SQL Server Reporting Services (SSRS)**.
* Identified and worked with multivalve parameters for parameterized reports in **SSRS**.
* Created Queries in **T-SQL**, Stored Procedures, Clusters and Views to store the data of clients, advisors.
* Involved in Developing, Monitoring and Deploying SSIS packages and successfully created dynamic configuration packages in SSIS.
* Conducted the Error handling in **SSIS (ETL)** using the **Event Handlers.**
* Experience in Designing and Building the Dimensions and cubes with star schema using **SQL Server Analysis Services** (**SSAS**).
* Develop and support client facing **ASP.NET** web applications that use SQL Server as a backend which meet the functional and information requirements of the user community.
* Written the **VB.NET (Framework)** code, according to the requests
* Develop and maintain the old and the new VB.NET environments
* Experience programming in **VB.Net Framework**, VBA and SQL
* Created documentation on each step in the database and execute quality assurance test plans.

**Technical Environment:**MS SQL Server 2008R2/2008, SQL SSIS, SQL SSRS, T-SQL, Oracle, Visual Studio 2012, .NET(C#, VB), Windows Server 2012, MS Office 2010. SQL Server Management Studio, MS Excel, ERWIN.

## Bajaj Finance Ltd, India Nov 2010-Mar 2012

## Role: SQL Server BI Developer/SSIS/SSRS/SSAS

The Bajaj Finance is amongst the top 10 business houses in India. The company is currently engaged in life insurance; general insurance and consumer finance businesses and has plans to expand its business by offering a wide array of financial products and services in India. Apart from financial services, its footprint stretches over a wide range of industries, automobiles, home appliances, lighting, iron and steel, insurance and travel.

**Responsibilities:**

* Worked as a developer in creating **complex Stored Procedures**, Triggers, and Functions.
* Managed **index** statistics, Tables, **Views,** cursors and optimizing queries using **execution plan for tuning** the database. Implemented different types of **constraints** on tables.
* Used **Try catch** and @@error for **exceptional handling**.
* Conducted database management, performance measurement and **performance tuning** for new databases and existing databases by using **SQL Profiler, Data Engine Tuning Advisor** and index tuning wizard.
* Designed **Star schema** (identification of facts, measures and dimensions) and **Snowflake schema**.
* Developed logical and physical data models using data modeling tools such as **Erwin and ER/Studio.**
* Generated periodic reports based on the statistical analysis of the data using **SQL Server Reporting Services (SSRS).**
* Created **Drill-through, Drill-down**, Cross Tab Reports and Sub-Report using RDL.
* Created queries for generating drill down reports in **SSRS 2008/2005**.
* Formatted the **SSRS** reports using the Global variables, expressions and Functions.
* Used the **SSIS Import/Export**, migrated the Heterogeneous Database such as Oracle and Access database, flat files to SQL server 2005.
* Involvedindevelopment of **ASP .NET / C# / SQL Server web application.**
* Configured **replication servers** and **transactional replication** between production & standby server for disaster recovery.

**Technical Environment:**MS SQL Server Management Studio 2005, MS SQL Server Integration Services (SSIS), Oracle 9i, SQL Server Reporting Services (SSRS), C#, TFS, Microsoft Visual source Safe, JavaScript

## Axis Bank, Hyderabad, India Aug2009 - Oct 2010

## Role: SQL Server BI Developer/ SSIS/ SSAS/ SSRS

AXIS Bank is one of the leading banking companies in India offering financial services to industrial organizations. The project was to develop the application for the online transactions, which calculate the commissions for brokers and employees based on number of deals completed.

**Responsibilities:**

* Ensured project requirement and delivery with active interactions with **end users.**
* **Redesigned** and **tuned** stored procedures, triggers, tables, UDF, views, recursive CTE, indexes and was successfully able to increase the performance of the queries.
* Created **complex store procedures** for data profiling process needed to define the structure of the pre staging and staging area.
* Developed **DTS** packages to extract, transform and load into the Campaign database from OLTP database.
* Used SSIS control flow task, **Analysis service processing task** to individually process the partitions and the dimensions and updating the cube as changes occurs in underlying data warehouse.
* Expert in designing ETL data flows using SSIS; creating mappings/workflows to extract data from SQL Server and Data Migration and Transformation from Oracle/Access/Excel Sheets using SQL Server SSIS.
* Extensively involved in all the phases of **report life cycle** (Authoring, Managing, and Delivering).
* Created **ad-hoc reports**, and **complex Enterprise** reports (drill down, and drill through reports, Parameterized reports, cascading report) using SQL Server Reporting Services and report manager. Created linked reports using report builder.
* Used Notification services to generate **error messages** and send them to the user through **e-mails.**

**Technical Environment:**MS SQL Server 2005, T-SQL, DTS, Windows XP, MS Visio 2000, MS Projects 2000.

## August Technologies Ltd, India Nov2007 - Aug 2009

## Role: Jr. SQL Developer

Committed to delivering innovation, august collaborates with its clients to help them achieve high performance. Our professionals leverage leading-edge technologies and business experience to identify opportunities and drive business process improvements. With deep industry and business process expertise, broad global resources and a proven track record, august can mobilize the right people, skills and technologies to help clients improve their performance.

**Responsibilities:**

* Conducted **Performance tuning**/MS SQL server development - **SQL Profiler, SQL scripts, stored procedures, triggers, functions** and transactions analysis, thorough understanding of indices and statistics (Query Optimizer).
* Conducted logical and physical database design including **data modeling**, maintenance, problem diagnosis and resolution.
* Created and developed the **stored procedures, triggers** to handle complex business rules, history data and audit analysis.
* Conducted database management, performance measurement and **performance tuning** for new databases and existing databases by using **SQL Profiler**, **SQL Analyzer**, and SQL Enterprise Manager.
* Created and administered multiple development, training and production databases.
* Developed and created data **dictionary**, **advanced queries**, **views**, **indices**, and **functions** for databases.
* Maintained databases, performed software installations and upgrades, monitored database performance, performed capacity planning and SQL Server clustering, managed database **quality assurance** including database consistency check.
* Responsible for creating standards and operating procedures to maintain all databases.
* Worked with development teams in the design of physical databases and in modification.
* Reduced systems downtime risk through automatic offsite **backup and recovery** over network.
* Responsible for database security of the operational and developmental application system databases.
* Managed MS SQL server (storage, memory, processing) and their dependencies/performance bottlenecks.

**Technical Environment:**SQL Server 2008/2005 SSIS, SSRS, SSAS, Visual Studio 2005, Windows Enterprise Server 2003, ADO.NET, Team Foundation Server(TFS), XML, HTML, Erwin.

**Education:**

Bachelorof Technology in Computer Science from JNTU Hyderabad, India.