**Usha Karicheti**

**(SQL DEVELOPER/MSBI DEVELOPER)**

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**SUMMARY:**

* Having **7+ years** of experience in **MSBI** tools, **SSRS, SSIS and SSAS** and Database design, development and administration using **MS SQL Server 2012/2008/2008R2** in **Production, Test, Development environment.**
* Experience in Information Technology with a strong background in Database development and Data warehousing using **MS SSIS/SSAS/SSRS**.
* Strong knowledge of Entity-Relationship concept, Facts and dimensions tables, slowly changing dimensions (SCD) and Dimensional Modeling Star Schema and Snow Flake Schema).
* Proficient in designing 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 Analysis Services.
* Good understanding of software development process like **Waterfall**, **Agile** within the **SDLC** (Software Development Life Cycle).
* Good knowledge of **Normalization/De-normalization**, data design methodology and building Referential Integrity.
* Experience in **database design & development**, database programming, **data modeling**, business process analysis, and application development.
* Experienced in **TSQL**(**DDL**,**DML**), documenting, coding, programming, modifying and implementing Business Intelligence solutions using **SQL** Server.
* Well versed with constraints,views,functions,triggers,
* Expert in Migrating **SQL** 2000 databases to **SQL** 2005 and **SQL** 2008 and **SQL** 2012 using migrating services.
* Experience in creating Complex **Stored Procedures**, Queries for the application team and for the end users based on the business requirement.
* Performed data profiling and analysis of structured and unstructured data.
* Expert level skills in Replication, **Data Modeling (Physical and Logical)**, Star Schema, Snowflake schema, Data Mapping, Installation and Configuration, up gradation from previous versions, Table Normalization, Optimization and Tuning, Backup/Restore, Data Import/Export, Troubleshooting, Database Objects authorization, DTS, Objects creation such as **Tables, Views, User created Data Types, Stored Procedures, Triggers**.
* Experienced in creating different types of **Tabular Reports, Matrix Reports, Drill-Down, Cross Tab Reports, Ad hoc reports and distributed reports** in multiple formats and **Power View Reports** with multiple views featuring tiles, and a number of visualizations, using **SQL** Server Reporting Services (**SSRS**) in Business Intelligence Development Studio (BIDS).
* Extensive experience with UNIX, AIX servers.
* Extensive experience in design techniques, ETL (**SSIS**) processes, relational database theory, N-Tier development.
* Experienced in creating **DTS Packages** and data designer usage and Migration of DTS packages to **SQL** Server integration services (**SSIS**).
* Experienced in creating Jobs, **SQLMailAgent**, Alerts and Schedule **SSIS**, **DTS**packages with **T-SQL** Stored Procedures.
* Development skills in stored procedures, Ad-Hoc **SQL** Queries, triggers, UDF, custom DTS packages.
* Created a report model on **SSAS** cubes.
* Experience Connecting **SSAS with either SSRS or Excel tables**.
* Experienced in **SQL** Server Reporting Services (**SSRS**), **SQL** Server Integration Services (**SSIS**), Data Transform Services (**DTS**) and **SQL** Server Analysis Services (**SSAS**).
* Expertise in **SQL** Server 2005 Analysis Services (**SSAS**) delivers online analytical processing (OLAP) and data mining functionality for business intelligence applications
* Extensively used **performance monitor**/**SQL** profiler to solve **dead locks/long running queries**.
* Understanding of various source transformations, including flat files, XML and relational systems.
* Reviewed, analyzed, and modified programming systems including encoding, testing, debugging and installing to support an organization's client/server software applications.
* Experience in working on **OLAP/OLTP** data warehouse and data mining.
* Flexible, enthusiastic and project oriented team player with excellent written, verbal communication and leadership skills to develop creative solutions for challenging client needs.
* Created **SSIS** packages to perform **Extract**, **Transform** and **Load** data from various different sources and destinations like **Excel**, **Access**, **CSV, SharePoint**,**Xml files, flat files** using **tasks** and **transformations** provided by **SSIS**.
* Experience in MS **SQL** Server installation, configuration, performance tuning, error handling, **SQL** Profiler, query optimization, client/server connectivity, back-up/recovery, running **Database Consistency Checks (DBCC).**

**TECHNICAL SKILLS:**

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| **SQL Tools** | SQL Server Management Studio, SQL Server Business Intelligence Development Studio, Profiler |
| **Languages** | SQL, T-SQL, PL/SQL, HTML, XML |
| **Operating Systems** | WINDOWS 95/2000/2003/XP/VISTA/7/8/8.1/UNIX, LINUX, AIX. |
| **Databases** | MS-SQL Server 2012/2008 R2/2008/2005/2000, MS-Access 2007/2010, |
| **ETL Tools** | SQL Server Integration Services (SSIS), dashboards tools, web tools., |
| **Scripting** | HTML, DHTML, XML |
| **Reporting Tools** | SSRS, SSAS, Crystal Reports, Report Builder 3.0.,Tableau. Power View |
| **DB Utilities and design tools** | SQL Server Management Utility, SQL Profiler, Query Analyzer, MDX scripting. |
| **Application Software** | Visual Studio 2008/2012/2012, SharePoint,MS Office Tools |
| **Methodologies** | Agile, Waterfall. |

**EDUCATION:** Bachelor’s of Technology from JNTU Kakinada, India-2012

**PROFESSIONAL EXPERIENCE:**

**Client:Interactive communications Oct 2016- Till Date  
Role: MS SQL Server Developer/SSRS/SSIS/BI Developer**

**Responsibilities**:

* Primary responsibility are designing, developing and implementing **SSRS** reporting for Business Intelligence, Financial and Operational Reporting for the enterprise.
* Designed and development of **SSRS** reports based upon **SSAS** cubes and other warehousing objects.
* Maintain internal **SSRS** dashboard reports for immediate management, business analysts and direct clients.
* Work as a part of Database Management team to ensure data security and best practice adherence for all corporate data.
* Engage in performance tuning of **SQL** queries and Stored Procedures and provide continuous improvements in BI services.
* Assure integrity of all solutions developed through co-ordination of testing and adherence to company standards and procedures.
* Developed DR procedure, which restored central environment including database servers and replication servers at a replicate site.
* This procedure restored all user databases and the AIX environment from tape.
* Performing requirements gathering/documentation and logical/physical design of data augmentation processes and coordinate implementation of requested enhancements for the applications.
* Responsible for data management and conversion activities such as Data Assessment, cleansing, extracting, migrating and reconciliation of data using **SSIS**.
* Create **SSIS** packages to Load data into Enterprise Data Warehouse.
* Maintained the physical database by monitoring performance, integrity and optimize **SQL** queries for maximum efficiency.
* Work independently to manage, prioritize and respond to changing deadlines.
* Perform other job related duties and responsibilities that may be assigned from time to time.

**Environment:**MS **SQL** Server 2012/2008R2, MS **SQL** Server reporting services (**SSRS**), MS **SQL** Server integration services (**SSIS**), UNIX, AIX, T-**SQL**.

**Client: Cotiviti July 2015 – Sept 2016**

**Role: SQL Server SSIS/SSRS Developer**

**Responsibilities**:

* Created the project documents, right from the design to the development.
* Developed Data warehouse and reporting solutions using the Microsoft Business Intelligence based tools, services and support (**SSIS**, **SSASand SSRS**).
* Provided on-going support for client in relation to existing reports with respect to their requirements.
* Worked closely with the testing team to create unit test scripts and monitor issues using the ticketing system.
* Designing and developing **SQL** Server 2008 Databases, Tables, Stored procedures, Views, Triggers.
* Created use cases, user guides, programmer documentation, application administration, and process flow diagrams.
* Created the **Table** and **Matrix** reports as per the requirements.
* Assisted with the Performance Tuning with the application’s running on AIX, Linux servers running SQL as primary tool.
* Written Common Table Expressions (**CTE**) and used analytical functions while writing stored procedures.
* Performed complex joins to extract data from various tables in the databases
* Written complex **SQL** statements using joins, sub queries and correlated sub queries.
* Fixing the performance related issues in the existing **SSRS** reports, from database design and report query areas.
* Worked on design, develop test and deployment areas of **SSRS** report development. And involved in client-project meetings for gathering the business requirements.
* Used the **SQL** server profiler for tracking run time parameters, user information, execution time etc.
* Performed data conversions from flat files into a normalized database structure.
* Worked on project specification documents, participated in data analysis meeting etc.
* Implemented package configurations, logging, scheduling, error handling, variables etc. while creating the packages.
* Excellent analytical and problem solving skills.
* Helped design and implement processes for deploying, upgrading, managing, archiving and extracting data for reporting.
* Created Clustered and Non Clustered Indexes on tables, views, and columns.
* Developed stored procedures, triggers and functions and added/changed tables for data extraction, transformation and loading.
* Involved in the **SSAS** cube design, to create partitions, processing the cube using **SSIS** package and displaying the data using Excel source.
* Actively involved in improving System Performance by tuning **SQL** queries and stored procedures by using **SQL** Profiler, and Index Tuning Wizard.
* Developed and modified complex stored procedure based processes supporting ETL processes in a Data Warehousing environment as well as creating reports in Reporting Services and other data related tasks.
* Worked with customers and/or analysts to define and/or review business requirements for new ETL processes and reports. Design and develop ETL processes and reports that meet team standards and use consistent methodology and development approach. Performed comprehensive unit testing of all work.
* Created and maintain technical designs, data dictionaries, and systems operations documentation.
* Performed data validation before loading different type of data files on daily basis as per defined by business user and worked with monthly new project deployment.
* Used **SSIS** to transform and load data into **SQLdatabase** via **FTP** from **XML** files, **MSExcel** as source data
* **SQL** Enhancement/New Report by adding new data source system for production and scheduled job for the process
* Worked for Functional and Technical design to speed up the process and query optimization.
* Completed change request work to load data with extra columns to understand details data and started new import source to process the data. Worked for Data Truncation and reload as per the requirement to change in import for data quality.
* Executes dashboard and automation for repetitive processing tasks, as well as offers support to upgrade and modify automation.

**Environment**: MS **SQL** Server 2008, Oracle 11g, **SSIS**, **SSAS**, **SSRS**, MS Visual Studio 2008, Visual Basic/VBScript, T-**SQL**, **SQL** Profiler, **SQL** Server Management Studio, MS Excel, MS Office, AIX, Unix Shell Scripting, Agile software development.

**Client**:**Qualcomm, India June2013–Jan 2015**

**Role**: **SQL Server BI Developer**

### Responsibilities:

* Enhanced the old logical and physical database design to fit new business requirement, and implemented new design into **SQL** Server 2008.
* Installed **SQL** Server 2008 and Management tools using **SQL** Server Setup Program.
* Created **SSIS** packages for the extracting, transforming and loading the data from **SQL** Server 2008 and flat files.
* Developed the **SQL** Server Integration Services (**SSIS**) packages to transform data from **SQL** 2008 to MS **SQL** 2012.
* Convert all existing DTS package of MS **SQL** 2008 to 2012 by adding extra **SSIS** task.
* Responsible for creating batches & scripts for implementing logical design to T-**SQL**.
* Responsible for creating database objects like table, views, store procedure, triggers etc) to provide structure to store data and to maintain database efficiently.
* Created Views and Index Views to reduce database complexities for the end users.
* Perform T-**SQL** tuning and optimizing queries using **SQL** server 2008/2012.
* Created indexed generic views to facilitate easy user interface implementation, security, and triggers on them to facilitate consistent data entry into the database.
* Created **SSIS** Packages to perform filtering operations and to import the data on daily basis from the legacy databases to **SQL** server.
* Create complex scripts to do chucking and massaging of legacy data in staging area of **SSIS** package.
* Schedule Jobs to run **SSIS** package in night feed to DSS system for fresh day data.
* Wrote standard & complex **SQL** Queries to perform data validation and graph validation to make sure test results matched back to expected results based on business requirements.
* Created trace in **SQL** Profiler for Performance tuning on stored procedures and Scripts.
* Created demo reports for cash management system form old reports for validation of the data in new database.
* Modified old crystal reports by adding new business requirements using **SSRS**.
* Created useful user defined functions and multifaceted stored procedures for reporting purposes.
* Created Sub-Reports, Drilldown-Reports, Summary reports, and Matrix reports in **SSRS**.
* Created Documentation for the packages and scripts and job created to migrate data from legacy system to **SQL** Server 2012
* Extensively involved in Developing Components for Presentation Layer, Business Layer and Data Layer for Windows based application.
* Build Data Controls and User Controls using C# and are used in UI design.
* Run Import/export wizard to provide CSV and Excel files to mangers for the particular records they want for different meetings.
* Configure Report Manger and run reports on weekly and daily basis.

**Environment: SQL** Server 2005/2008, **SQL** Server Integration Services, MS Visio, MS Excel 2003, MS Access 2003, Enterprise Manager, Management Studio, MS **SQL** Query Analyzer, **SQL** Profiler and **SSRS** and Crystal report 9.0,.Net 4.0 ,WCF,HTML5,Javascript,Asp.net.

**Client:Tech Mahindra, India May 2010 – May 2013**

**Role: Associate software Engineer**

**Responsibilities**:

* Created stored procedures, user-defined functions, and triggers to implement business logics and data integrity.
* Created UDF, views, tables and generated T**SQL** script for application.
* Created various type of reports in **SSRS**with features such as document map, actions, conditional formatting.
* Created dashboards, sub reports, drilldown reports, summary reports, and matrix reports in **SSRS.**
* Created user defined functions in **SSRS** using **VB** script.
* Designed an advanced **ETL architecture** for the overall data transfer between the **OLTP** to **OLAP** with the help of **SSIS**.
* Developed **SSIS packages** for data profiling and data cleansing.
* Designed data mappings between sources and staging targets utilizing **Star Schema**.
* Implemented logic for incremental load using checksum and timestamp functions.
* Implemented the master/child package models to ensure only the master package is scheduled, consequently firing other packages to reduce complexity.
* Resolved **SSIS package** errors utilizing error logs, breakpoints, checkpoints, and data viewers.
* Enhanced the performance of **SSIS packages** by configuring several properties / features at control and data flow level.
* Incorporated parameters to configure package properties to migrate **SSIS** packages from development/testing to production environments.
* Created **SQL** agent jobs for automating execution of **SSIS** packages on production server.
* Participated in **JAD** sessions to discuss business requirement documents and drafted a functional/non-functional requirements document.
* Facilitated detailed analysis and strategic planning within the organization with analytical reports.
* Tested the data with complex queries, joins and sub queries.
* Deployed reports on **report server/SharePoint server** and resolved deployment related issues.
* Established report delivery schedules by configuring standard/data driven subscriptions.

**Environment:**SQL Server 2008/2005, T-SQL, SSMS, MS Excel, Erwin, SSIS, SSAS, SSRS, SharePoint,