

Sarath.K

Sr SQL Power BI Developer (SSIS/SSRS/SSAS)

PROFESSIONAL SUMMARY:

* Over 9+years of Experience in Data Warehousing and Business Intelligence applications design, development and Maintenance of Integration Services (SSIS), SQL Server Reporting Services(SSRS), SQL Server Analytical Services (SSAS) and Data Transformation Services (DTS).
* Expert in providing Enterprise Reporting solutions using SSRS2005/2008/2012, Crystal Reports, Performance Point Server, ProClarity and SharePoint Services.
* Extensive ETL experience using DTS/SSIS for Data Extractions, Transformations and Loads.
* Having good knowledge in power shell scripting
* Expertise in developing application using.NET 2.5, C#, SQL Server.
* Expertise in developing codes for mobile apps using Java Scripting on Eclipse tool.
* Experience in data analysis, design and development of databases for business applications in a client/server and data warehouse environments in SQL 2005/2008/2012.
* Expert in all areas of SQL Server development including tables, user functions, views, indexes, Stored procedures, functions, triggers, clustering, T-SQL, relational database models, data dictionaries, and data integrity.
* Prior experience in developing multi-tenant application with Sql Azure. Experience with Python development
* Well versed in normalization/de-normalization techniques for optimum performance in relationaland dimensional database environments and building Referential Integrity Constraints.
* Good knowledge in RDBMS concepts, Data warehousing concepts, OLTP & OLAP.
* Expertise in Merging data from various Heterogeneous Data sources, Populating DimensionandFact tables in Data warehouses and Data Marts, Cleaning and Standardizing data loaded intoOLTP and OLAP databases using SSIS.
* Transformed data from one server to other servers using tools like Bulk Copy Program(BCP), Bulk Insert, Data Replication, Data Transformation Services (DTS) and SQL Server Integration Services (SSIS).
* Involved in creating Jobs, SQL Mail Agent, Alerts and Schedule SSIS Packages.
* Great Expertise in creating and managing Event Handlers,Package Configurations, Logging,System and User-defined Variables for SSIS Packages.
* Good Understanding of Kimball and Bill Inmon warehouse modeling and usage of modeling tools such as Embarcadero, Erwin and DB Artisan,Snowflake schemas, Star schema, fact and dimension tables.
* Extensive knowledge of Designing, Developing and deploying various kinds of reports using SSRS using relational and multidimensional data.
* Used to interact with Different modules like UM/CM/DM in CCA (Clinical care Advance)
* Experience in report writing using SQL Server Reporting Services (SSRS) and creating varioustypes of reports like Drill down, Parameterized, Cascading, Conditional, Table, Matrix, Chart,Ad-hoc and Sub Reports.
* Generated reports using SSRS, Excel (Pivot) that could be used to send information to diverse group of users.
* Expertise in SQL Server Analysis Services (SSAS) CUBE design, development and deploying.
* Expertise in creating Perspectives, Partitions, Design Aggregations and Cell Level Security in cubes using SSAS.
* Expertise in creating PowerBI dashboards and reports by using different types of visualizations and graphs.
* Expertise in creating Dashboard Reports to support end users using SSAS.
* Expertise in MDX to create Named Sets, Named Members, Calculated Members and othercalculations.
* Experience in creating XML files and XSD schema files.
* Experienced in software development life cycle (SDLC) involving system analysis, design development and implementation using Waterfall methodology andAgile methodology.
* Skilled at assessing client needs, working in groups, suggesting ideas that enhance efficiency andperformance, implementing technology solutions, and training end users.
* Good team player, strong interpersonal and communication skills combined with self-motivationinitiative and the ability to think outside the box.

TECHNICAL SKILLS:

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| Operating System | Windows XP/8/10/server,UNIX |
| Languages | C++,C#, .NET, T-SQL, PL/SQL, Visual Studio 2005/2008/2010/2012 |
| Tools | DTS, SSIS, SSRS, SSAS,Visual basic |
| DATABASE | MS Access, MS SQL Server 2005/2008/2012/2014, Oracle8i/9i |
| Tools/Utility | Enterprise Manager, SQL Server Management Studio(SSMS), Database Tuning Advisor, DTS, Analysis Manager, BCP, SQL Profiler |
| Software | MS Office, Visio, Adobe Photoshop, MS-Excel, MS-Project 2010 |
| Reporting Services | Excel, SQL Server Reporting Services 2005/2008/2012,Oracle Report Builder |

WORK EXPERIENCE:

INLAND EMPIRE HEALTH PLAN(IEHP), Rancho Cucamonga, CAApril 2017 – Till date

Role:-SR.SQL Power BI (SSIS/SSRS) Developer

Responsibilities:

* Created scripts for tables, stored procedures, and DTS and SSIS.
* Database development experience with Microsoft SQL Server in OLTP/OLAP environments using integration services (SSIS) for ETL (Extraction, Transformation and Loading).
* Created database objects like Views, and Stored Procedures.
* Created parameterized reports for the users and clients, with drill-down, drill-through features.
* Developed SQL Queries and Stored Procedures to fetch data from different tables in remote databases using Joins.
* Expertise in SQL Server Reporting Services (SSRS), Created Tabular, Matrix, Drill Down, Bar Chart, Pie Chart reports to analyze critical data in SSRS.
* Having good hands on experience working with HSP(Health Solution Plus),Meditrac and Medical and having good knowledge on this tool.
* Involved in creating the Power BI reports and Dash boards on client requirements.
* Worked on Power View and Power Map to visualize reports.
* Published Power BI dashboards on SharePoint and scheduled automatic data refresh functions.
* Used to create Power BI dashboard on mobile applications as per Client requirement.
* Used to create slicers for the better view of reports of certain data in Power BI.
* Used to create the events in Meditrac with custom attributes according to the business requirement.
* Having good experience in extracting the data from Meditrac through HSP and creating stored procedures for the following pulled data from Meditrac.
* Used advanced features of T-SQL to design and tune T-SQLto interface the database and other applications in most efficient manner.
* Developed ad-hoc SSRS reports that employed Analysis Services databases as a data source.

Environment: SQL Server 2012, SSIS (2014/2012), SSRS (2014/2012), Visual Studio 2012/2014, MS Excel 2010, Power Pivot, T-SQL, C#, VB Script, Window 7, HSP, Meditrac, Medical Team Foundation Server (TFS).

Intuitive Surgical Sunnyvale, CA Nov 2016 – Mar 2017

Role:- SR.SQL Power BI (SSIS/SSRS) Developer

Responsibilities:

* Involved in creating technical specification documents after gathering requirements from business users.
* Created stored procedures, views, triggers, user defined functions to incorporate the flow of business and automated stored procedures.
* Worked on SQL Server Integration Services (SSIS) to integrate and analyze data from multiple homogeneous and heterogeneous information sources (CSV, Excel, DB2, SQL Server).
* Created Configurations to make package portable and created Event handlers for handling package error.
* Used to transfer the old data of PL/SQL to SQL databases.
* Used For-Each Loop Container, Sequence Container, Script task, Expressions, Execute SQL task, Variables, Send Mail Task, Package Execution task to achieve business needs.
* Created and executed SQL Server Integration Service packages to populate data from the various data sources, created packages for different data loading operations for many applications.
* Designed ETL packages dealing with different data sources (SQL Server, Flat Files, Excel and XMLs etc.) and loaded the data into target data sources by performing different kinds of transformations using SQL Server Integration Services (SSIS).
* Performed data conversions from SQL server to flat file using SSIS. Created packages that implements tasks like Execute SQL Task, Data Flow Task etc.
* Created and scheduled SQL jobs to run SSIS packages on a daily basis using SQL Server Agent.
* Managing and automating Control flow, Data flow, Events Handlers and Logging for SSIS packages.
* Modify the existing reports by adding new logic and deleting existing logic as the line of Business changes periodically.
* Export reports in various formats like MS Excel, PDF, MS Word, Text and CSV, generate reports with parameters, sub reports, cross tabs, charts using SSRS.
* Used to deploy SSRS reports on environment like DAV/UAT.
* Used SSRS to create reports, customized Reports, on-demand reports, ad-hoc reports and involved in analyzing multi-dimensional reports in SSRS.
* Involved in writing Query for generating drill down reports, identified and worked with the parameters to generate parameterized reports along with that extensively used global variables, expressions and functions.
* Worked with Claims, Members, Providers and Authorizations for loading the data into SQL server using SSIS packages.
* Developed different types of Tabular reports, matrix reports (cross tab or pivot) reports, chart and graphs, reports that aggregate data using SQL Server Reporting Services.
* Highly involved in creating, structuring, formatting using Report Designer and Report Builder.
* Provided critical Production support when needed.
* Developing the reports using POWER BI, Power Pivot and SSRS and SSIS adding the feeds and Scheduling the jobs.
* Expertise in creating the Ad-hoc and Power BI reports as per client requests.
* Implemented cell level security in cubes using MDX expressions to restrict users of one region seeingdata of another region using SSAS.
* Expert in automating process by creating jobs and error reporting using Alerts, SQL Mail Agent.
* MS SQL Server Configuration, Performance Tuning, Client-Server Connectivity, Query Optimization, Database Maintenance Plans and Database Consistency Checking DBCC commands.

Environment: SQL Server 2012, SSIS (2012/2008), SSRS (2012/2008), SSAS (2012/2008), Visual Studio 2010/2013, MS Excel 2010, Power Pivot, T-SQL, C#, VB Script, Window 7, Team Foundation Server (TFS).

Molina Healthcare, Long Beach, CA Jul 2014 – Oct 2016

Role:-Sr. SQL (SSIS/SSRS/SSAS) Developer

Responsibilities:

* Actively supported business users for change in requests. Gathered user requirements.
* Created and modified various Stored Procedures, triggers, tables, views and other SQL joins used in the application using T-SQL.
* Optimized queries & stored procedures and monitored server performance using SQL Profiler.
* Worked on MS SQL Server tasks such as data loading, batch jobs, BCP, DTS, Instances, Linked Servers and Indexes.
* Managed the entire ETL process involving the access, manipulation, analysis, interpretation andpresentation of information from both internal and secondary data sources to customers.
* Created the Logical,Physical model and ETL Mapping Documents based on Business logic.
* Configured the SSIS Packages using Environment Variables for Dynamic Selection ofDevelopment and Production Environment.
* Converted data types using Derived Column, Data Conversion Transformation.
* Converted various data files (CSV, XML and Legacy Flat Files) based on business logic using Script Task and Script Component.
* Designed and developed different reports like Matrix and Tabular reports, Cascaded, Parameterized, and pie chart reports using SQL Server Reporting Services (SSRS).
* Expertise in developing Ad-Hoc, drill down, Drill through and Dashboard reports using Local and Global Variables, Expressions and Filters in SQL Server Reporting Services (SSRS). Promoted RDLs to Reporting Service Server.
* Designed Cubes with star schema in SSAS and Executing Analysis Services Processing Task in SSIS for processing cubes in packages.
* Created complex SSAS cubes with multiple fact measures groups, and multiple dimension hierarchies based on the OLAP reporting needs.
* Identified and defined Fact relationships and relationships between Dimensions and Measure groups in SSAS.
* Created calculated fields with MDX code to meet additional measures needs that are calculated from existing measures.
* Developed administrative tasks of SQL Server of performing daily Backups and Recovery procedures.

Environment:SQL Server 2008/2012, Business Intelligence Development Studio, SSRS 2008 R2, SSIS 2008 R2, MS VisualStudio 2008, T-SQL, C#, VB Script, Window 7, Team Foundation Server.

Health Partners, Minneapolis, MN Jan 2013–Jun 2014

Role:-SQL/SSIS/SSRS Developer

**Responsibilities:**

* Responsible for creating Databases, Tables, Cluster/Non-Cluster Index, Unique/Check Constraints Views, Stored Procedures, Triggers, Rules.
* Responsible for developing processes, automation of maintenance jobs, tuning SQL Server, locks and indexes configurations, administering SQL Server security, SQL Server automatic e-mail notification and SQL Server backup strategy and automation.
* Interacting with users to gather Business requirements and Analyzing, Designing and Developing the Data feed and Reporting systems by adding or enhancing relevant entities/ tables, columns etc.
* Worked on designing, creating and deploying SSIS packages for transferring data from flat files, excels spreadsheets and heterogeneous data to and from SQL Server.
* Creating SSIS package to load data from Flat file to data warehouse databases using Lookup, Fuzzy Lookup, Derived Columns, Condition Split, Term Extraction, Aggregate and Pivot Transformation.
* Configured SSIS packages using Package configuration wizard to allow packages run on different environments.
* Implemented Event Handlers and Error Handling in SSIS packages and notified process results to various user groups.
* Scheduled and maintain packages by daily, weekly and monthly using SQL Server Agent in SSMS.
* Converted existing excels based reports and crystal reports to SSRS reports.
* Created Drill-down, Parameterized and Sub-Reports using SSRS.
* Deployed and uploaded the SSRS reports to Report Manager for the end users and involved in enhancements and modifications.
* Identified and added the report parameters and formatted the reports using the Global variablesand expressions.
* Improved existing reports performance by using execution log and optimized the underlying procedure and queries.

Environment:SQL Server 2005/2008, BIDS 2005/2008, SSRS 2005/2008, SSIS 2005/2008, MS Access, Visual Studio, T-SQL, Windows, Crystal Reports.

JP Morgan Chase, Brooklyn, New York Nov 2011 – Dec 2012

Role:-SQL/SSIS/SSRS Developer

Responsibilities:

* Gathered business requirements, defined and designed the data sources, data flows, data quality analysis, worked in conjunction with the data warehouse architect on the development of logical data models.
* Involved in Creating Database Objects like tables, views, constraints, indexes, functions, procedures, and triggers and maintained Referential Integrity.
* Worked with Exception handling with @@error and with Try/catch.
* Created ETL packages using SSIS to move data from various heterogeneous data sources.
* Created logs 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.
* Implemented error handling and roll back process in ETL load.
* Configured SSIS packages using Package Configuration wizard to allow packages run on different environments.
* Used SSIS to create ETL packages to validate, extract, transform and load data to data warehouse databases, data mart databases, and process SSAS cubes to store data to OLAP databases.
* Used XML and environmental variables in the package configuration for Deploying SSIS packages.
* Created Drill Down, Drill Through and Various Cross tabbed reports using SSRS.
* Responsible for Deployment of the report using SSRS and used Report subscription (Data Driven and Email) to publish reports.
* Generated database monitoring and data validation reports in SQL Server Reporting Service (SSRS).
* Designed OLAP Star and Snow-flake schemas and then Dimension and Fact Tables.
* Determined the MS SQL Server 2008 installation options. Installed SQL Server Management toolusing SQL Server Setup Program. Tested the Installation of SQL Server and implemented differentsecurity modes.

**Environment:** Microsoft SQL Server 2008 R2, Visual Studio 2008, T-SQL, SQL Server Integration Services, Business Intelligence Development Studio (BIDS), SQL Server Reporting Services, SQL server profiler, Visual Source Safe (VSS).

**ICI Solutions LTD, Hyderabad, India Aug 2010 – Oct 2011**

**Role:-MS SQL Server Developer**

**Responsibilities:**

* Involved in requirements gathering, analysis, design, development, change management, deployment.
* Installed and Configured SQL Server 2008 successfully.
* Created Stored Procedures, User defined functions, Views, Triggers, Indexes and Wrote T- SQL codes maintaining query standards for the project.
* Extensively used Joins and sub-Queries to simplify complex queries involving multiple tables, added Columns, triggers and Worked on Index tuning, stored Procedure tuning.
* Scheduled Daily and weekly Jobs and Alerting using SQL Server Agent.
* Performance tuning of SQL queries and stored procedures using Index Tuning Wizard.
* Performed extensive data extraction from web and other sources and handled data preparation – missing values, formatting, transformations using SSIS.
* Handled migrations from DTS to SSIS 2005/2008.
* Deployed the SSIS packages from development server to production server.
* Worked on Error Handling and Event Handlers, Break point, SSIS Logging and Check points.
* Developed administrative tasks of SQL Server of performing daily Backups and Recovery procedures.
* Prepared daily and weekly status reports and collaborated with other team members.
* Prepared the detailed project layout, analyzed existing technology involved, and documented work performed and stored in Visual Source Safe (VSS).

Environment: MS SQL Server 2005/2008, SQL Server Integration Services, SQL Server Reporting Services, DTS, MS Access, MS Excel, Windows 2003 servers, T-SQL, PL/SQL, Visual Studio 2008.

**Sonata Software, Hyderabad, India May 2008 – Jul 2010**

**Role:-Jr. SQL Server Developer**

**Responsibilities:**

* Installed and Configured SQL Server 2005 on servers for designing and testing.
* Created other database objects like tables, views, Stored Procedures, User Defined Functions, Triggers and indexes.
* Create joins and sub-queries for complex queries involving multiple tables.
* Created all kinds of SQL Server Constraints (Primary Keys, Foreign Keys, Defaults, Check, Unique etc.).
* Error handling using Try-Catch Block.
* Modified database structures as directed for test/develop environments and assist with coding&design.
* Involved in performance tuning of the database and T-SQL queries.
* Automated Stored Procedures to load data into staging and production environments in a timely manner using SQL Server Agent.
* Configured Snapshot replication for reporting, user acceptance test and development servers.
* Performed unit and system testing, troubleshooting and bug fixing in development and QA environments.

**Environment:**  SQL Server 2005, T-SQL, VB, MS Word 2005, DTS, SQL Profiler, Visual Source Safe, DTS/SSIS 2005, Import and Export Wizard, BCP, Windows Server 2003, UNIX.