** PRATHYUSHA KASAM**

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**Summary:**

* Around 8 years of experience as Business Intelligence Developer using Microsoft BI tools (SSIS, SSAS, SSRS) in various Business domains including Legal, Insurance and Information Technology
* Experience in all phases of **Software Development Life Cycle** (SDLC) from requirements gathering ,design ,development and support of applications
* Experience in client requirement analysis, physical, logical design development, deployment, support and maintenance of business intelligence applications using **SQL Server 2000/2005/2008/2012/2014, DTS, SSIS, SSRS and SSAS 2005/2008/2012.**
* Strong experience with **SQL server** and **T-SQL** in constructing joins, user defined functions, **stored procedures**, **triggers**, **views**, **indexes**, **user profiles** and **data integrity**.
* Expert in writing common table expressions (**CTE**s) and user defined functions, indexed views and DML/DDL triggers for data consistency and data manipulation.
* Primary knowledge in C# and .NET
* Good understanding of source control management concepts such as Branching, Merging, Labeling/Tagging and Integration.
* Proficient in building **Data Integration**, Workflow solutions and ETL solutions for Data Warehouse using SQL Server Integration Services
* Extensive experience in migrating data from various sources such as Excel, Oracle, MS Access, MS SQL and flat files to different SQL destination servers using SSIS
* Designed and developed SSIS packages using Control Flow and Data Flow Tasks
* Experience in implementing logging, Error handling by using Event Handler and Custom Logging for SSIS Packages.
* Experience in developing and testing multidimensional databases using SSAS
* Experience in creating Role based Security and Row level Security in cubes using SSAS.
* Experience in writing MDX queries in Analysis Services and Reporting Services.
* Experience in developing reports using SSRS and Excel
* Worked on Power BI and created reports.
* Experienced in creating Dashboards Scorecards, views , pivot tables, charts for further data analysis using **Power BI** desktop
* Strong mentoring skills, capable of leading and motivating individuals to maximize productivity while fostering cohesive teams in a virtual environment.
* Experience in preparing and documenting the User Acceptance test (UAT) plan and obtaining the necessary signoffs from the concerned business units
* Excellent in interacting with clients, business analysts and developers.
* Good Knowledge in implementing backup and disaster recovery procedures.
* Good Knowledge with **Agile development** methodologies.

**Technical Skills:**

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| Programming Languages | SQL, Transact SQL, PL/SQL, C, C++,Java, JavaScript, HTML, CSS, Swift, .NET |
| Database | MS SQL Server 2005/2008R2/2012/2014, MS Access |
| ETL Tools | SSIS, Import/Export Wizard, DTS(Data Transformation Services) |
| Reporting Services | SSRS, Power BI, Excel Reporting, Tableau |
| Analysis Tools | SSAS |
| Methodologies | Logical and physical Database Design, UML, Database Design, Normalization and Data Modelling |
| Business Processing Tools | MS Visio, QGIS |
| Work Flow Tools | MS Word, MS Excel, MS PowerPoint, MS Outlook, MS Access and MS Project |

**Education:**

B. Tech in Computer Science and Engineering, JNTU, India.

**Professional Experience:**

**CDK Global- Hoffman Estates, IL Dec’15-Present**

**MS SQL BI Developer**

**Responsibilities:**

* Studied existing business application and processes, collected end user requirements, analyzed sources of leakage and suggested the improvised Business Process Modeling
* Involved in gathering the user requirements
* Involved in the full lifecycle of ETL software development - **analysis, design, build, documentation and testing** for the project using SQL Server Integration services
* Created **stored procedures**, **Joins**, **functions** and **views**.
* Designed and developed SSIS packages
* Designed SSIS packages in order to validate, extract, transform and load data into to staging and data warehouse
* Created package to transfer data between **OLTP and OLAP** databases
* Deploy, schedule and support SSIS Packages.
* Written and executed **complex** **T-SQL queries** using SQL Server Management Studio for back end data validation testing
* Validated referential integrity through **triggers** in T-SQL
* Designed Cubes with star schema using **SSAS**
* Implemented Kimball methodology for effectively creating data marts and data warehouse by using dimensional modelling with star schema
* Responsible for **performance tuning** and **optimization** of **SQL queries** and **indexes**
* Created various complex **reports** and manage them using SQL Server Reporting Services (SSRS)
* Designed and created views for security purposes, implemented rules, defaults, user defined data types, documented the table relationships with diagrams
* Design, Develop and Deploy Microsoft **Power BI** reports.
* Worked on Power BI and created various reports and dashboards
* Responsible for creating SQL datasets for Power BI and Ad-hoc reports.
* Involved in creating visualizations and multiple dashboards in Power BI
* Implemented logging, Error handling by using Event Handler and Custom Logging for SSIS Packages
* Involved in trouble shooting and fine tuning of databases for performance and concurrency.
* Used **Agile** development Methodology.

**Caterpillar-Peoria, IL Aug’14-Nov’15**

**SQL BI Developer**

**Responsibilities:**

* Analyzed Business requirements and created technical design
* Performed normalization and logical database design
* Created database links and accessed the data through SQL statements
* Responsible for writing and modifying **store procedures**, **functions**, **packages** and database **triggers**.
* Created indexes, tables and sequences as per the business requirement and views to maintain data privacy
* Developed SQL Scripts for maintaining administration tasks
* Experience in scheduling database tasks-Jobs, Alerts, Email and Notifications.
* Extensively used SSIS **Import/Export Wizard**, for performing the ETL operations
* Analyzed the requirements and framed the business logic for the ETL process
* Developed, monitored and deployed SSIS packages on various servers using package configuration from test server to production servers
* Involved in building and testing **OLAP cubes** using SSAS
* Developed complex **SSAS** cubes with multiple fact measures and multiple dimension hierarchies based on the OLAP reporting needs
* Transferred data from sources like **MS Excel, MS Access, SQL** using **SSIS** and created reports for the same data using SSRS.
* Deployed and uploaded the **SSRS reports** to Report Manager and called reports through a URL from .Net API for the end users and involved in enhancements and modifications.
* Involved in writing cursors in store procedures to perform row-wise operations
* Used **SQL profiler** to identify slow running queries
* Improved the performance of queries by using clustered and non-clustered indexes on tables.
* Created reports using Crystal Reports, MS Excel, MS Access
* Implemented Point-In-Time Recovery solutions to recover databases from backup in disaster.
* Point of contact for all the production issues.

**Blue Cross Blue Shield - Chicago, IL Jan’13 – July’14**

**SQL Server Developer**

**Responsibilities:**

* Created complex **Stored** **Procedures**, **triggers**, **tables**, **views** and other **SQL joins** and statements for applications using T-SQL
* Involved in creating extensive dynamic SQL to accommodate business requirements
* Involved in documenting configuration management procedures, plans and processes.
* Created extensive list of Sub queries, **CTEs** to speed up the queries
* Worked on **Performance Tuning/Query optimization, execution plans, trace flags and SQL Profiler**
* Used BCP Utility in Stored Procedures to generate Output Files in Text format
* Used scripts and variables, email notifications for **ETL process** using Data Integrator
* Experience in creating complex SSIS packages using proper control and data flow elements with error handling
* Enhancing and deploying the SSIS packages from development server to production server
* Used System Tables, System Stored Procedure, DBCC commands for Database maintenance
* Migrated **DTS** packages from **SQL Server 2000 to SQL Server 2008\2008R2**.
* Involved in Analyzing, designing, building &, testing of OLAP cubes with **SSAS** 2005/2008 and in adding calculations using **MDX.**
* Created various Dimensional Hierarchies, KPI's as part of cube design.
* Involved in creating visualizations and multiple dashboards in Tableau
* Created Action filters, Parameters and calculated fields for preparing dashboards and worksheets in Tableau.
* Created **tabular, matrix, chart, drilldown reports, parametric, cascaded reports and dashboards and scorecards reports** according to business requirement
* Performed ETL operations to support the **data loads** and **transformations** using SSIS and used SSRS for generating reports to end-users

**Thomson Reuters-Hyderabad, India Jan’11-Dec’12**

**SQL Developer**

**Responsibilities:**

* Created Database Objects-Tables, Views, User defined functions, **Triggers**, **Procedure** and Roles
* Used .Net provider Data Reader source to read from RDBMS Sources
* Created SSIS packages to get data from different sources, consolidate and merge into one single source
* Implemented different types of constraints on tables
* Monitored performance and **optimized SQL queries** for maximum efficiency
* Created levels of **Data Flow Diagram** using Microsoft Office Visio
* Extensively used Joins and sub-queries for complex queries involving multiple tables from different databases
* Used **complex queries** to pull data from excel as well as other databases to the table that has been designed schema
* Optimized the performance of various stored procedures by redesigning T-SQL queries and changing connection and server level settings
* Performed Administrative tasks like managing roles, users, profiles and creating scheduling maintenances and backups to database
* **Troubleshooting problems** related with databases, application tools, development tools and minimizing production down issues

**CA Technologies- Hyderabad, India May’09-Dec’10**

**SQL Developer**

**Responsibilities:**

* Involved in **Physical and Logical design** of the Databases
* Interacted with front end developers and managers to analyze the need of business requirement and developed technical specifications
* Developed **DTS packages** to transfer data between SQL Server Database and files
* Created Views to restrict the data access for security
* Used **SQL Profiler** to debug T-SQL and slow running queries
* Optimized the query performance with modifications in T-SQL, removing unnecessary columns, eliminating redundant and inconsistent data, normalizing database and establishing necessary joins