**Tirumalesh Pusunala**

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**MSBI / Sr. SQL Developer**

**PROFESSIONAL SUMMARY:**

* Overall 8 years of experience in Project Design, Analysis, Development and management using **MICROSOFT** **SQL SERVER (2005/2008/R2/2012/2014/2016).** Seeking a challenging position to utilize my skills and having strong interpersonal and communication skills.
* Excellent Knowledge in **Microsoft Business Intelligence Technologies** like MS SQL Server Integration Services **(SSIS),** MS SQL Server Reporting Services **(SSRS)** and **SSAS** of MS SQL server 2005/2008/2008R2/2012.
* Excellent Knowledge in Data Warehouse Concepts like **OLAP** and **OLTP.**
* Experience in **Migration of Data** from Excel, Flat file, Oracle to MS SQL Server by using **MS** **SQL Server** DTS and SSIS.
* Designed, developed and went live after migrating several **MS Access & SQL Server databases** for corporate developers, resolving typical database issues.
* Strong experience with SQL Server and T-SQL in constructing **stored procedures**, **DDL /DML** **triggers,** tables, user functions, joins,views, indexes,user profiles, relational database models,data dictionaries, exceptional handling, and data integrity.
* Experience in writing SQL Queries for pulling large volume of records from Facts and claims database using stored procedures, and **Extraction, Transformation, and Loading (ETL)** process using SSIS.
* Experienced in web application design and development using multiple versions of **.NET Framework** including **ASP.NET MVC with C#.**
* Extensive Knowledge in SSAS storage, **star schema, snowflake schema,** partitions and Aggregations, calculation of queries with MDX, Data Mining Models, developing reports using **DAX,** **and MDX**.
* Experienced in **Data Extraction, Transformation and Loading** (ETL) between Homogenous and Heterogeneous Systems using DTS and SSIS of MS SQL Server
* Experience in a fast-paced **Agile** Development Environment including Extreme Programming.
* Experience in Monitoring, Job scheduling, **Trouble shooting, Backup, Recovery** and **System upgrading.**
* Good Knowledge in creating web applications using **ASP.Net, XML, HTML, DHTML,** JavaScript and CSS (Cascading Style Sheets).
* Proficient in creating logical and physical data models using **Erwin** data modeling tool.
* Good experience in using Multidimensional Expressions **(MDX)** for querying and manipulating the multidimensional data stored in OLAP cubes.
* Strong analytical and problem solving skills coupled with excellent written, verbal and inter-personal communication skills.

**Technical Skills:**

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| --- | --- |
| **Database Tools** | SQL Server Management Studio (SSMS), SQL Server Business Intelligence Development Studio (BIDS), |
| **Languages** | T-SQL, PL/SQL, XML, Java, VB.Net, C#, .NET, ASP.NET, HTML. |
| **Operating Systems** | Windows 2007/2010 Windows Server 2000/2003/2008/2008 R2/2012,  COSMOS, MAC, LINUX, ODS. |
| **Databases** | MS-SQL Server 2005 / 2008 / 2008 R2 / 2012, MS Access, MySQL, DB2, Oracle, Azure, Sybase, Teradata. |
| **Reporting/ Analysis Tools** | Microsoft Excel, SSRS, SSAS, Informatica, Tableau, Microstrategy, SharePoint. |
| **Application Software** | Visual Studio, Visual Source Safe, MS Office, Team Foundation Server, Sub-Version, eclipse, GIT. |
| **ETL Tools** | DTS, SSIS, Bulk Copy Program (BCP), Business Intelligence Development Studio (BIDS), Crystal Reports, Toad. |

**WORK EXPERIENCE:**

**CGI, Dallas, TX 03/2017–till date**

**Sr. SSIS/SSRS Developer,**

**Responsibilities:**

* Worked under **Agile Methodology** throughout the project, performed decisive role in developing and planning as well as coordinating with assigned sprints.
* Designed Data Warehouse and analyzed various approaches for maintaining different dimensions and facts.
* Designed **ETL packages** with different data sources SQL Server, Flat files, Excel source files, Oracle and loaded the data into target tables by performing different kinds of transformations using SSIS.
* Involved in writing complex SQL Queries, **Stored Procedures, Triggers, Views, Cursors, Joins,** Constraints, DDL, DML and User Defined Functions and **KPI** to implement the business logic.
* Retrofitting complex data to load different kinds of data from different sources including **staging phase**.
* Used T-SQL to create tables, views, **user-defined functions**, CTEs, Index for implementing application functionality at the database side for performance improvement.
* Modified T-SQL **Stored Procedure**, **Triggers** for validating the integrity.
* Used ETL packages to extract, transform and load data into data warehouse by using SSIS.
* Built **Multidimensional Expressions** (MDX) queries for Analysis Services & Reporting Services.
* Generated **T-SQL code** for creating cursor and handling the data validations.
* Created Source Target mappings for migrating on-Premise DataMart to **Sql Azure**.
* Created and maintained databases, tables, views, users, logins, indexes, check constraints, and business rules using **T-SQL.**
* Created **VB.Net** Script for Data Flow and Error Handling using Script component in **MSBI (SSIS).**
* Performing **UAT** testing, **QA** and **DEV** testing for data validation and to performance of SSRS reports.
* Defined report layouts including report parameters and wrote queries for drill down reports using SSRS.
* Generated weekly and monthly reports for the financial advisors in wealth management team.

**ENVIRONMENT**: Microsoft (BIDS),SSIS, SSRS, T-SQL, Power BI, Sql Server 2008/2012/2016 Enterprise Edition, Azure services, XML, SQL SERVER Data Tools 2010, Visual Studio, MS Access,C#,VB.net, SQL Query Analyzer, JIRA, GIT.

**COX, Atlanta, Georgia 10/2015 – 02/2017**

**BI / MS SQL Developer**

**Responsibilities:**

* Experience in Full **Software Development Life Cycle (SDLC)** including Analysis, Design and Review of Business and Software Requirement Specifications; Development, Testing as per **Agile software** development methodology.
* Designing various types of complex reports like tabular, Cross tab reports, **bar graphs and pie charts** based on the client requirement document.
* Worked with the application developers and provide necessary **SQL** Scripts using **T-SQL**
* Troubleshooting the issues in the reports as well as in **T-SQL** queries in the production server.
* Involved in SSAS Cubes design by creating measure groups, facts, dimensions, aggregations from huge dataset using **SQL Server Analysis Services** (SSAS).
* Successfully tested all task in staging and stored all versions of data using **team foundation server** (TFS).
* Expert level skills in Objects creation such as Table, Indexes, Stored Procedures and other **SQL** joins and query writing. Expert in creating various kinds of reports and using report builder when required.
* Configuring and managed data source views, cubes, dimensions, roles and hierarchies in SSAS.
* Extracting Data from various sources like Sql Server and Flat files and loading into **CRM** Database
* Developed SSIS packages using SQL Azure database and connect them to **Power BI**.
* Involved in trouble shooting of **T-SQL** queries, SSRS reports and SSAS Cubes.
* Involved in using advanced Excel like Power View, Power BI, Power Pivot and Excel Data Connection for providing **ad-hoc reporting** for the clients.
* Created Multiple SSRS Reports and deployed them to the**CRM** Application.
* Implemented advanced calculations using MS **Power BI** Desktop like Aggregate, Date, Logical, String.
* Involved in making technical design documents and giving presentations to the team.

**ENVIRONMENT**: Microsoft (BIDS), Microsoft CRM Dynamics, SSRS, SSAS, T-SQL, Power BI, Sql Server 2008/2012/2016 Enterprise Edition, Azure services, XML, SQL SERVER Data Tools 2010, Visual Studio, MS Access,C#,VB.net. SQL Query Analyzer, JIRA.

**A to Z Databases - Omaha, NE 08/2014 to 09/2015**

**Senior SQL/ MSBI Developer**

**Responsibilities:**

* Involved in requirement gathering and providing solutions at different levels.
* Experience in writing **SQL Queries** for pulling large volume of records from databases using stored procedures, and Extraction Transformation and Loading **(ETL)** process using **SSIS**.
* Performed several **transformations** and **data cleansing** on data including **fuzzy lookup**, slowly changing dimension (SCD), union all, merge join and check points/break points.
* Configured and maintained multiple **JIRA**instances on multiple servers for different uses and worked with departments in training on how to search and create tickets in **JIRA.**
* Experience in working with **SSIS Packages** for applying various business rules, using various control flow tasks, dataflow components and event handling techniques.
* Creating SSIS packages and jobs to structure the whole process flow of data migration, content migration.
* Expertise in generating reports using SQL Server Reporting Services, **Tableau,** Crystal Reports, MS Excel spreadsheets and Power Pivot.
* Involved in **Debugging** reports on the production and UAT servers by modifying the **RDL** files using XML.
* Developed complex **Stored Procedures** and Views to generate various reports using **Excel** and **SSRS**.
* Responsible for scheduling reports to run daily, weekly and monthly basis using Report Manager.
* Created Jobs, **Alerts, Activity logs**, Error logs to capture any possible errors using **SQL server Agent**.
* Enhanced performance using optimization techniques such as **Normalization** and **Indexing.**
* Integrate incoming feeds from In-House **CRM** systems and other third party file feeds into the ODS layer via landing databases using SSIS.
* Strong communication & Management skills with Excellent **Role playing** capabilities.
* Responsible for creating and maintaining the **documentation** for implementation and for future changes.
* Applied conditional formatting in **SSRS** to highlight key areas in the report data.

**Environment:** MS-SQL Server 2008R2/2010/2012/2016 Enterprise Manager, Oracle, TOAD, Power BI, MS Business intelligence[SSIS, SSRS, SSAS], SharePoint Server 2010, XML, MS Excel, Microsoft Azure, Cognos, VB.Net, ODS, C#.Net, MS Visio, Microsoft CRM dynamics, SQL CMD Utility, JIRA.

**Provident Bank, Iselin, NJ 05/2013-07/2014**

**BI/SQL Developer**

**Responsibilities:**

* Interacted with **Technical team** and Business users to perform analysis of business requirements and transformed them into technical requirements for **ETL** and Reporting needs.
* Implementing **RDBMS** concepts and good understanding of database schemas.
* Involved in improvement of optimized **query performance** by creating Indexes.
* Involved in Analyzing, designing, building and testing of **OLAP cubes** with SSAS 2008 and in adding calculations using Multidimensional Expression (MDX).
* Created **SSIS** Reusable Packages to extract data from Multi formatted **Flat files**, Excel, XML files into UL Database and DB2 Billing Systems.
* Experience in loading **XML** data into SQL Server database for performing data operations.
* Experience in **Handling Transactional systems** for performing various automated processes.
* Experience in extracting the data from SQL Server and using XML and present it to the end user in XML format. And create high level design of the **ETL** process.
* Experience in working on different kinds of reports **Parameterized Reports, Linked Reports** and Drill-through reports.
* Performed **SQL admin** duties using **SQL Server Agent** for data backup, creating different roles on users and created jobs.
* Deploying and scheduling Reports using **SSRS** to generate all daily, weekly, monthly and quarterly Reports including current status.
* Responsible for **unit testing** and creating design documents and uploading it to share point server.
* Experience in configuring and deploying **SSRS reports** onto Microsoft Office **SharePoint Server**.

**Environment:** MS-SQL Server 2012/2008 R2/2008 Enterprise Manager, MS Business intelligence [SSIS, SSRS, SSAS], MS Visual Studio 2010\2008, cognos,c#, SharePoint Server 2010, MS Visio 2010, MS-Office 2010, XML, Windows Server 2008, TFS 2010.

**Constar Financial Services, AZ 01/2012-05/2013**

**BI/SQL Developer**

**Responsibilities:**

* Gathered business requirements from sales team and business analyst team, and worked in connection with the enterprise data warehouse architecture on the development of logical data models.
* Installed and Configured **SQL server 2012** on Development and production server.
* Tuned complex SQL queries and Stored Procedures to increase performance and worked on Exception handling with **Try/Catch**.
* Designed and deployed various ETL packages to migrate the data coming from SQL Server and to synchronize daily transaction data by using SSIS.
* Incrementally and dynamically transformed data by using SSIS (**Conditional Split, Data Conversion, Loop up, Derived Column, Merge, Union all, Merge join, Slowly Changing Dimension).**
* Generated reports from SQL Server Databases and OLAP data warehousing.
* Developed Matrix reports, Parameterized reports, Drill-through reports, and Drill-down reports as per business requirements by using SSRS and deployed them into the **web portal**.
* Created visualization reports like Dashboard, Pie Chart, Bar Chart, Line Chart, and Graph to show the customer feedback on the services using Tableau.

**Environment:** MS SQL Server 2010/2012, SQL Server Integration Services (SSIS) 2012, SQL Server Reporting Services (SSRS) 2012, SQL Profiler, Tableau 8.0, Cognos, MS Office, Windows 8/7, TFS.

**McLen, Coimbatore. 01/2011 -01 /2012**

**BI/ SQL Developer**

**Responsibilities**:

* Experience in **Software Development Life Cycle** (SDLC) including requirements gathering, writing technical specifications, Production support and Maintenance Activities.
* Involved in gathering **business requirements** and provided documentation to plan, define and design data.
* Implemented **slowly changing dimension** transformation to maintain the historical data in data warehouse.
* Created packages with different control flow options and **data flow transformations** such as Conditional Split, Derived Column, Look up, Data Conversion, Merge, Merge Join.
* Created effective **User Defined Function**, Stored Procedure, Triggers, Transactions to facilitate data consistency and efficient data manipulation.
* Developed dynamic SQL queries for reports on Enterprise Data Warehouse (OLAP) and Operational database **(OLTP).**
* Created user defined financial reports to provide on demand financial data analysis.
* Performed complex expressions to group data, filter and **parameterize reports** deploy into servers.
* Trained End users to browse cube data using **Microsoft Excel 2013/2010**, PowerPivot and SSRS.

**Environment:** MS SQL Server [2008/2010/2012] SQL Server Integration Services (SSIS) 2010, SQL Server Reporting Services (SSRS) 2010, SQL Profiler, Database Engine Tuning Advisor, Tableau 7.0, MS Office, Windows 7, and SharePoint 2010.

**Platinus Technologies, Hyderabad 07/2008 - 01/2011**

**MS SQL Developer/BI Developer**

**Responsibilities:**

* Worked under **Agile Methodology** throughout the project, performed decisive role in developing and planning as well as coordinating with assigned sprints.
* Designed Data Warehouse and analyzed various approaches for maintaining different dimensions and facts
* Designed **ETL packages** with different data sources SQL Server, Flat files, Excel source files, Oracle and loaded the data into target tables by performing different kinds of transformations using SSIS.
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* Built **Multidimensional Expressions** (MDX) queries for Analysis Services & Reporting Services.
* Defined report layouts including report parameters and wrote queries for drill down reports using SSRS.

**Environment:** MS SQL Server [2008/R2/2012/] SQL Server Management Studio(SSMS), MS SQL Server Integration Services(SSIS) 2010, MS SQL Server reporting Services(SSRS) 2010, T-SQL,MS Excel, MS Office, Windows 7, TFS.

**EDUCATION QUALIFICATIONS:**

Bachelor of Technology in Information Technology from JNTU