**Tirumalesh Pusunala**

**720-347-3473**

**Email:tirumalesh.msbi@gmail.com**

**PROFESSIONAL SUMMARY:**

* Overall 7+ 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.**
* 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#.**
* Experienced with deployments, maintenance, and troubleshooting of applications on **Microsoft Azure Cloud**.
* 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).
* Developed SSIS Packages to **Extract, Transform and Load (ETL)** data into the Data warehouse from Heterogeneous databases such as **Oracle, DB2** and **SQL Server**.
* Created various reports like **Drill through reports**, **Drill down reports**, **Sub reports**, Cascading Parameters, Linked reports, Matrix etc. using **BIDS**.
* 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:**

|  |  |
| --- | --- |
| **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:**

**EY, Alpharetta, GA 08/2017–till date**

**Sr. SQL / 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.
* Backed-up enterprise databases to Azure storage in block BLOBs and back up files in Azure environment.
* Retrofitting complex data to load different kinds of data from different sources including staging phase.
* Created and modified stored-procedures, triggers, cursors, and user defined **scalar valued** and table valued functions, and views.
* Conducted database management, performance measurement and **performance** **tuning** for new databases and existing databases by using SQL Profiler and SQL Analyzer.
* Used recently introduced **Power BI** to create self-service BI capabilities and use tabular models.
* Responsible for building reports in **Power BI**from the Scratch. .
* Used T-SQL to create tables, views, **user-defined functions**, CTEs, Index for implementing application functionality at the database side for performance improvement.
* Created new database objects like **Stored Procedures, Functions, Packages**, Triggers, Indexes and Views using T-SQL in Development and Production environment for SQL Server. .
* Experience in Microsoft Visual C# in **script task** and **script component** of SSIS.
* Schedule and maintain SSIS packages **daily, weekly and monthly** using Task Scheduler.
* 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 Data Mart to **Sql Azure**.
* 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, MS Azure services, XML, Data Factory, SQL SERVER Data Tools 2010,Teradata, Visual Studio, MS Access,C#,VB.net, SQL Query Analyzer, JIRA, GIT.

**CGI, Dallas, TX 03/2017–08/2017**

**Sr. SQL / BI Developer,**

**Responsibilities:**

* Involved in understanding **Business requirement document** and developing Technical Design specification documents for multiple interfaces.
* Identified various source systems for data feeds.
* Used SSIS to develop jobs for **extracting, cleaning, transforming** and loading data into data warehouse.
* Designed and developed jobs for loading data to star schema.
* Extracted Data using SSIS from DB2, and flat files, Excel transformations.
* Populate the data warehouse. Worked on SSIS to remove duplicate records with data standardization.
* Created SSIS Package to transfer data from various locations using the **FTP task**. Then loaded the flat file data into the database.
* Created various Jobs, Alerts and Events, Created Backups for databases and automated the process. Assisted in building dimensional cubes with SQL Server Analysis Services (SSAS) and building multiple calculated members, KPI's for user perspectives.
* Worked as a developer in creating complex Stored Procedures, tables, and views and other **SQL joins** and statements using **T-SQL** for different applications.
* Managed index and optimized queries using execution plan.
* Created and integrated user defined functions and stored procedures for reporting purposes.
* Involved in the Analysis of the Report Data, Developed and Deployed Reports on to the Reporting Server. Wrote and integrated stored procedures to generate the reports.
* Created **Cross-Tab, Drill-down and Sub-Reports** using RDL and promoting RDLs to Reporting Services Server.
* 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, MS Azure services, XML, Data Factory, SQL SERVER Data Tools 2010,Teradata, Visual Studio, MS Access,C#,VB.net, SQL Query Analyzer, JIRA, GIT.

**COX, Atlanta, Georgia 02/2016 – 02/2017**

**MSBI / 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).
* scripting and RDBMS utilities such as Multi Load, Fast Load, Fast Export, BTEQ (**Teradata**) and SQL\*Plus, SQL\*Loader (Oracle).
* 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.
* Worked with both live and import data in to **Power BI** for creating reports.
* 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
* 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, Informatica, Teradata, SQL SERVER Data Tools 2010, Visual Studio, MS Access,C#,VB.net. SQL Query Analyzer, JIRA.

**Blue Cross Blue Shield, Richardson, TX 02/2015 to 01/2016 SQL /Bi Developer**

**Responsibilities:**

* Installation of SQL Server 2014 enterprise edition and enabling **SSIS/SSRS/SSAS** on Client machines, Development, Production Servers.
* Developing SSIS Packages to extract data from various data sources such as MS Access, Excel and flat files into SQL server using different transformations, Derived column, Sort, Row count, Fuzzy look up, Multi cast and Merge Join.
* Implemented custom logic in **SSIS packages** script task and script component using C#.
* Developed Business requirement Document (BRD) and keep track of changes in BRD.
* Generated reports using **SQL Server Reporting Services**  from OLTP and OLAP data sources.
* Deploying and scheduling Reports using crystal reports to generate all daily, weekly, monthly and quarterly Reports including current status.
* Created SSRS inventory management reports, focused on findings to save company millions of dollars in Client members Performance **Health management** by providing Incentive, claims and Biometric file feeds. Identified high risk, low risk and Moderate Risk members using SSRS dashboards.
* Migration of **Production databases** empty schema to development server as part of set up Development, Testing Environment.
* System upgrades and integration of other solutions with **Medicaid systems** which use TFS, Sharepoint and SQL.
* Wrote the test cases for data quality check on development results data based on data analysis (qualitative, quantitative), Performance, to meet client requirement.
* Created success, failure email notification XML files, to keep inform stake holders, client account managers, third party vendors for their concerned clients.
* Wrote stored procedures and scripts to move content for staging database to operational data store and data warehouse in all environments.
* Participated in the entire life cycle including database design, Development, Testing, Optimizing, deploying onto Test, UAT and production servers.
* Created Jobs, **Alerts, Activity logs**, Error logs to capture any possible errors using **SQL server Agent**.
* Experience in maintenance and Administration of SSIS by creating **Jobs, Alerts, SQL Mail Agent**, and schedule DTS/SSIS Packages.
* 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 2014 Enterprise Manager, Oracle, TOAD, Power BI, MS Business intelligence[SSIS, SSRS, SSAS], Informatica, Teradata, XML, MS Excel, Microsoft Azure, Cognos, VB.Net, ODS, C#.Net, MS Visio, Microsoft CRM dynamics, SQL CMD Utility, JIRA.

**McLen, Coimbatore. 01/2013 -12 /2014**

**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**, Power Pivot 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 07/2010 - 12/2012**

**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.
* 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.
* 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