**Teja | SQL BI Developer**

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**PROFESSIONAL SUMMARY:**

* 7 **years** of IT Experience as **MS SQL BI Developer** in Database Design, Programming, Testing, **Business Intelligence** and implementation of Client-Server applications using **MS SQL Server 2016/2014/2012/2008 R2/2008** in Development, Stage and Production Environments.
* Worked on various business domains like **Insurance**, **Healthcare** and **Financial services**.
* Developed a thorough knowledge and maturity in all the phases understanding business processes, gather requirements, and coordinate ongoing iterative development of **Software Development Life Cycle** (SDLC).
* Experienced in MS Power BI Desktop and **Power BI** Service.
* Exclusive Experience in Data Warehousing, Performance Point, SQL Server Integration Services (SSIS), SQL Server reporting Services (SSRS) and SQL server in Development environments
* Optimizing the **speed** of database with tuning SQL queries, configuring database, changing database structure and redefining database.
* Experience in creating and managing fragmentation of **Indexes** to achieve better query performance. Experience in **Performance Tuning and Query Optimization**.
* Experience in integration of various data sources like **SQL Server**, **Oracle**, Access DB, DB2 and Flat File, Excel File.
* Generated periodic reports based on the statistical analysis of the data from various time frame and division using**Power BI**.
* Experienced in creating and using **Stored Procedures**, **Views**, **User Defined Functions**, **Sub-Queries** and **Joins** for complex queries involving multiple tables.
* Highly proficient in the use of SQL for developing complex **stored procedures, triggers, tables, user profiles, user functions, relational database models and data integrity, SQL joins and query writing**.
* Extensively worked on Table Design creating **Clustered Indexes, Non-Clustered Indexes, Primary key Foreign Key Relationships, Highly complex joins and SQL Scripts for Views** and Materialized Views.
* Modified the Stored procedures to **log errors** by scripting **exceptional handling** in all stored procedures using SQL server 2016/2014
* Highly proficient in packages to extract, transform and load data (ETL) using **SSIS**, designed packages which are utilized for tasks and transformations Data Conversion and Pivot tables.
* Used **transformations** like SCD, CDC, Data Conversion, Conditional Split, Merge Join, Derived Column, Lookup, Cache Transform and Union all etc., to convert raw data into required data meeting the business requirements.
* Very good T-SQL Programming skills. Used **SQL Profiler**, Execution Planto monitor the SQL server for **deadlocks**, long running queries and tune the same to **improve performance**.
* Efficiently used **Data Flow Tasks** such as Excel Source, Flat File Source, OLE DB Source, Data Conversion, Lookup, Aggregate, Audit, Multi Cast, OLE DB Command, Sort, Union All, and Copy Column, Derived Column, cleaning bad data, validating data using Derived Column, Row Count, Excel Destination, Flat File Destination, OLE DB Destination, Raw File Destination, SQL Server Destination, Record Set Destination of the integration services (SSIS).
* Extensively worked on **Control Flow** Tasks such as Foreach Loop Container, For Loop Container, Data Flow Task, File System Task, Script Task, Execute SQL Task, FTP Task, Execute Process Task, and Send Mail Task.
* Experience in debugging the SSIS packages using breakpoints and checkpoints.
* Hands-on **star** schemas, **snowflake** schemas, dimensional modeling and reporting tools, operations Data Store concepts, **Data Marts** and **OLAP** technologies.
* Designed and implemented user defined hierarchies in **SSAS** including parent-child hierarchy.
* Hands-on Deploying reports, creating report schedules and subscriptions. Managing and securing reports and Proficient in MS Office includes MS Excel, creating spread sheets, graphs and dashboard reports.
* Excellent Report creation skills in developing reports like Tabular Reports, Matrix Report, Charts, Custom Reports, using Report Designer as well as Report Builder in SQL Server Reporting Services **(SSRS)** inBusiness Intelligent Development Studio **(BIDS).**
* Expertise with **SSRS** (tabular reports, parameterized reports, drilldown, drill through, sub reports, charts etc.)
* Excellent communication and inter-personal skills with ability to develop creative solutions for challenging client needs using agile methodologies.
* Skilled at assessing client needs, working in groups, suggesting ideas that enhance efficiency and performance, implementing technology solutions, and training end users.

**TECHNICAL SKILLS**:

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| --- | --- |
| SQL Server Tools | Enterprise Manager, SQL Profiler, Query Analyzer, SQL Server 2016, SQL Server 2014, SQL Server 2012 Management Studio, DTS, **SSIS, SSRS, SSAS.** |
| Database | MS SQL Server 2016, 2014, 2012, 2008, MS-Access 2013/2010, RDBMS, Oracle 11g/10g. |
| Language | Transact SQL, PL/SQL, C#, Unix Shells and Macros. |
| Operating System | Windows, Linux and Unix |
| Tools | Microsoft Visual Studio, Share Point Server, Microsoft Project Server, ProClarity, QTP, QNXT, Power BI. |
| Architecture | Relational DBMS, Client-Server Architecture, OLAP, OLTP |
| Reporting Tools | SSRS (SQL Server Reporting Services), Crystal Reports |
| ETL Tools | SSIS (SQL Server Integration Services), DTS |

**PROFESSIONAL EXPERIENCE:**

**UnitedHealth Group, Cypress, CA Jul ‘17- Till Date**

**SSIS/SSRS Developer**

**Description:**

**UnitedHealth Group** Inc. is an American for-profit managed health care company based in Minnetonka, Minnesota. It is sixth in the United States on the Fortune 500. **UnitedHealth Group** offers health care products and insurance services.

**Responsibilities:**

* Developed **Stored Procedures, Views, user defined functions,** encrypting database tables with column encryption using DES algorithm, Temporary Tables, and table valued parameters and Common table expressions as per the requirement.
* Modified the Stored procedures to log errors by scripting **exceptional handling** in all stored procedures using SQL server 2016/2014.
* Created **Indexes** for fast retrieval of the data, Involved in **Performance tuning** and **Query Optimization using execution plan.**
* Developed and maintained multiple Power BI dashboards/reports and content packs.
* Responsible for building Power BI Dashboards using Tabular Models. Design and model data sets with Power BI desktop based on measure and dimension requested by customer and dashboard needs.
* Worked on several types of **control flow tasks** of SSIS like WMI data task, MSMQ task, Web service task, Script task, Ftp task to upload and download files, worked with different types of connection managers like file connection manager, flat file connection manager, cache connection manager, ftp connection manager and data quality connection services manager. Also used XML task to validate XML files and XSLT for generating html pages from XML.
* Implemented **Logging** and **Event Handlers** on SSIS packages for trouble shooting application.
* Created the SSIS packages and scheduled them, developed **ETL** packages with different data sources (SQL Server, Flat Files, Excel source files, XML files etc.) and loaded the data into target tables by performing various kinds of transformations using SQL Server Integration Services **(SSIS)**.
* Used task factory components and transformation like Upsert destination, Update batch transformation, Null Handler Transformation, Surrogate Key Transformation, Advanced Email and SMS Task in **SSIS packages.**
* Worked on Deployment of packages into Production servers and managed scheduled SQL jobs.
* Implemented Distributed Transaction Control for the SSIS packages and **event handlers** to keep track of **error logs**. Also, to trigger emails about the failure using Email task.
* Involved in designing and publishing visually rich and intuitive Power BI dashboards.
* Generated periodic reports from the cube based on the statistical analysis of the data using SQL Server Reporting Services **(SSRS)**
* Developed reports like Claim Statements, Fee Bills Transactions and some end request user reports on periodic basis.
* Identified transition opportunities between various systems such as Case Trakker or IMPACT to QNXT and with other solutions, including development, cross-walks, SQL programming, system integration requirements, timelines and departmental updates
* Created reports as per user requirement using SQL Server reporting services **(SSRS)** which delivers enterprise and Web-enabled reports.
* Created different type of reports including Cross-tab, Conditional, Drill-down, Sub reports **(SSRS)** also parameterized reports.
* Provided visual/graphic analysis based on data content.
* Strong knowledge in Power BI on how to import, shape, and transform data for business intelligence (BI), Visualize data, author reports, schedule automated refresh of reports and create and share dashboards based on reports in Power BI desktop.
* Research and investigate key business problems through quantitative analyses of utilization, healthcare and cost data.
* Provided and defend conclusions and recommendations to customer based on results of analysis.
* Maintained and enhanced healthcare reporting solutions to meet a wide range of business and system requirements.
* Working on QNXT Reports(SSRS).
* Exercise positive interpersonal communication skills and worked independently or with a small team on all phases of software development lifecycle.
* Exercise **positive interpersonal communication skills** and worked independently or with a small team on all phases of **software development lifecycle.**

**Environment**: T-SQL, Oracle, .NET, Visual Studio, QNXT, MS SQL SERVER 2016/2012, MS Server Integration services (SSIS), MS Server Analysis services (SSAS), MS Server Reporting services (SSRS), Power pivot, Power view, Power BI.

**Anthem, Dallas, TX May ‘16 – Jun ‘17**

**SSIS /SSRS Developer**

**Description:**

**Anthem**, **Inc**., incorporated on July 17, 2001, is a health benefits company.It provides an array of specialty and other insurance products and services, such as dental, vision, life and disability insurance benefits, radiology benefit management and analytics-driven personal healthcare.

**Responsibilities:**

* Troubleshoot and resolve the complex issues. Translating complex business requirements into technical solutions.
* Worked with complex SQL, Stored Procedures, Triggers and packages in very large databases from various servers using SQL server 2014.
* Modified the Stored procedures to **log errors** by scripting **exceptional handling** in all stored procedures using SQL server 2014.
* Immensely used the transactions concept to take care of all the DML queries that are executed in the stored procedures and roll backed the transactions whenever the stored procedure is errored out.
* Gathering the requirements and writing the **ad-hoc SQL** query batches to update the data and metadata for delta and history loads.
* Developed and maintained multiple Power BI dashboards/reports and content packs.
* Responsible for building Power BI Dashboards using Tabular and Multi-Dimensional Models.
* Design and model data sets with Power BI desktop based on measure and dimension requested by customer and dashboard needs.
* Excellent knowledge of creating **Jobs, SQL Mail Agent** and **scheduling SSIS Packages**.
* Involved in Unit testing and Bug fixing, Experienced in Incident Management/Ticket management.
* Experienced in creating and maintaining Web Services. Used XML for request and response from the Web Services and manipulated the result as accordingly.
* Experience working in **SQL Server Integration Services (SSIS)** packages to extract, transform and load (ETL) data from different databases and hands on experience on web API, REST, RESTFUL services.
* Used various **SSIS** transformations such as Conditional Split, Derived Column, lookup which were used for Data Scrubbing, data validation checks during Staging, before loading the data into the Data warehouse using SSIS 2014/2012.
* Developed **SSIS** package and scheduled them to perform ETL and to import and export data from database and performed **data validation** by using the transformations, C# and various inbuilt tasks in the tool, immensely used for loop, For each loop and **sequence containers**.
* Involved to write complex T-SQL queries and Stored Procedures for generating reports using **SSRS** 2014.
* Used Microsoft Power BI Power Query to extract data from external sources and modify data to certain format as required in Exceland created SSIS packages.
* Used Power BIfor creating multiple kinds of Reports and present it using Story Points.
* Created Dashboards Scorecards, views, pivot tables, charts, for further data analysis. Migrate existing data into the Power BI.
* Identified the database tables for defining queries to generate reports for analysis of data using SQL Server Reporting Services in Report Builder SSRS2014/2012.
* Defined the report layout and identified Datasets for the report generation using SSRS.

**Environment**: MS SQL server 2014/2012, BIDS, T-SQL, Oracle, Visual Studio, MS Server Integration services (SSIS) and MS Server Reporting services (SSRS), Power BI.

**Royal Banks of Missouri, St. Louis, MO Apr ‘15 –Apr ‘16 SSIS Developer**

**Description:**Royal Banks of Missouri, a community bank, provides personal and business banking products and services. The company offers checking accounts, savings accounts, money market accounts, and certificates of deposits; home equity and other loans.

**Responsibilities:**

* Create and maintain clearly written technical, user, and system documentation.
* Developed various T-SQL stored procedures, views, and adding/changing tables for data load and transformation, and data extraction.
* Created Database Objects like Tables, Stored Procedures, and Views.
* Worked in production support to optimize the stored procedures and scheduled many jobs using **SQL server**.
* Used **SQL Profiler** for troubleshooting, monitoring, and optimization of SQL Server and developer database code as well as T-SQL code from developers and QA.
* Created **Indexes** for fast retrieval of the data, Involved in **Performance tuning** and **Query Optimization using execution plan.**
* Developed XSD **Schemas** for converting flat files and persisting the data into SQL Server 2008 database
* Worked on creating several types of indexes on different collections to get superior performance in SQL Server.
* Created the **SSIS** /DTS packages and scheduled them using **SQL Server agent**.
* Developed **ETL packages** with different data sources (SQL Server, Flat Files, Excel source files etc.) and loaded the data into target tables by performing various kinds of transformations using SQL Server Integration Services SSIS.
* Created Service Contracts, Data Contracts, Operation Contracts, Routing and Workflows using C#.
* Utilized event handling effectively to generate **audits** and **logs** for the generated SSIS packages.
* Performed archiving and achieved automated processing of the raw data through the ETL process in SSIS.
* Deployed SSIS Packages from Dev/Staging/Production using Package Configurations
* Created reports as per user requirement using SQL Server reporting services (**SSRS**) which delivers enterprise and Web-enabled reports.
* Created different type of **reports** including Cross-tab, Conditional, Drill-down, Sub reports (**SSRS**) also parameterized reports.
* Assisted in production OLAP cubes, wrote queries to produce reports using SQL Server Analysis Services (SSAS) and Reporting service (SSRS).

**Environment**: SSRS 2012/14, SSIS 2012/14, T-SQL, Microsoft Share point, Microsoft SQL Server 2014, BIDS, MS Server Analysis services (SSAS), Query Analyzer, Microsoft Word 2010, Microsoft Excel 2010

**Geico, Baltimore, MD Nov ‘13 – Mar ‘15**

**SQL Server Developer /SSRS Developer**

**Description:**

The **Geico** is an American [auto insurance](https://en.wikipedia.org/wiki/Vehicle_insurance) company headquartered in [Chevy Chase, Maryland](https://en.wikipedia.org/wiki/Chevy_Chase,_Maryland). It is the second largest auto insurer in the [United States](https://en.wikipedia.org/wiki/United_States), after [State Farm](https://en.wikipedia.org/wiki/State_Farm). It is a wholly owned [subsidiary](https://en.wikipedia.org/wiki/Subsidiary) of [Berkshire Hathaway](https://en.wikipedia.org/wiki/Berkshire_Hathaway) that as of 2017 provided coverage for more than 24 million [motor vehicles](https://en.wikipedia.org/wiki/Motor_vehicles) owned by more than 15 million [policy](https://en.wikipedia.org/wiki/Insurance_contract)holders.

**Responsibilities:**

* Created new tables, written stored procedures using **T-SQL** for Application Developers and some user defined functions.
* **Scheduled the Reports** to run on daily and weekly basis in Report Manager and email them to director and analysts to review in Excel Sheet.
* Expertise in developing advanced reports with **functions, formulae, parameterized reports, sub reports, summary reports, cross tabs, ranking and conditional formatting**.
* Create Store Procedure using T-SQL to evaluate result for the reports to implement using Management studio.
* Created Triggers to enforce data and referential integrity.
* Created and managed users, roles and groups and handled database security.
* Performance tuning of SQL queries and stored procedures using SQL Profiler and Index Tuning Wizard.
* Performed development support, document reviews, test plan, integration of the system.
* Perform T-SQL tuning and optimizing queries for Reports which take longer time in execution SQL Server 2012.
* Scheduling & publishing reports using Crystal reports server.
* Export Crystal report in Excel and PDF formats.
* Migration from Crystal Reports to **SSRS**.
* Generate graphs & Pie Charts using Crystal reports and **SSRS** to show the revenue of the business.
* Provide Dynamic Parameter reports for different business criteria.
* Developed different Scripts for the Data analysts for Verification of reports.
* Responsible for deploying reports to **Report Manager** and **Troubleshooting** for any error occurs in execution.
* Used SSAS Cubes as a source for Reporting
* Worked on SSIS Package, Import/Export for transferring data between SQL Server.
* Creation/ Maintenance of Indexes for various fast and efficient reporting processes.
* Pivot table are used to provide structured to Reports in proper manner like months etc.

**Environment:** SQL Server 2012, MS Excel, SQL Profiler, ETL, T-SQL, C#, .Net, MS SQL Server Reporting Services, MS SQL Server Integration Services, MS SQL Server Analysis Services

**KPIT Technologies,Pune, India Jun ‘11–Oct ‘13**

**MSBI Developer**

**Description:**

**KPIT** is a global technology company that specializes in providing IT Consulting and Product Engineering solutions and services to key focus industries - Automotive and Transportation, Consumer and Industrial Goods, Energy and Resources, High Tech, Life Sciences, and Utilities.

**Responsibilities:**

* Developed various T-SQL stored procedures triggers, views, and adding/changing tables for data load and transformation, and data extraction.
* Created Database Objects like Tables, Stored Procedures, Views, Triggers, and UDFs...
* Created the SSIS packages and scheduled them.
* Developed ETL packages with different data sources (SQL Server, Flat Files, Excel source files, XML files etc.) and loaded the data into target tables by performing various kinds of transformations using SQL Server Integration Services (SSIS).
* Developed many Tablix Reports, Tabular Reports, Matrix Reports, Drill Down Reports and Charts using SQL Server Reporting Services (SSRS).
* Utilized event handling effectively to generate logs for the packages created.
* Assisted in production OLAP cubes, wrote queries to produce reports using SQL Server 2005Analysis Services (SSAS) and Reporting service (SSRS).
* Extensively involved in the SSAS storage and partitions, and Aggregations, calculation of queries with MDX, Data Mining Models, developing reports using MDX and SQL.
* Planed, defined and designed data flow processes for data migration to the Data Warehouse using DTS.
* Performed archiving and achieved automated processing of the raw data through the ETL process in SSIS.
* Created reports as per user requirement using SQL Server reporting services (SSRS) which delivers enterprise and Web-enabled reports.
* Used Power shell to manage SSIS packages across multiple SQL Server instances
* Developed custom reports using SQL Server Reporting Services (SSRS) to review score cards, business trends based on the data from various locations.
* Performed Identification, analysis and resolved report defects within time scope and established development guidelines.

**Environment:** SQL Server 2008, MS Excel 2007, SQL Profiler, ODBC, ETL, T-SQL, MS SQL Server Reporting Services(SSRS), MS SQL Server Integration Services(SSIS), MS SQL Server Analysis Services(SSAS), MDX, OLTP, OLAP and Erwin.