**LAVANYA**

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|  | **PROFESSIONAL SUMMARY:**   * Over 8+ years of IT experience as **SQL Server/BI Developer**. **Microsoft certificationIn Querying - SQL server 2012.** * Experience in **MS SQL Server 2005, 2008, 2012, 2014. SQL Server Integration Services (SSIS), SQL Server Reporting Service (SSRS)** and IT Solutions that include experience in design, development and implementation of complex data delivery systems using MS SQL Server technology. * Experience in **SDLC (Software Development Life Cycle)** like gathering requirements, design, development, implementation and testing of projects before moving to production. * Experience in developing the applications using **T-SQL Programming (DDL, DML, and DCL).** * Extensive knowledge and experience in dealing with Relational Database Management Systems **(RDBMS) Stored Procedures, Constraints, Joins, Keys, Indexes, Data Import/Export, Triggers and User defined functions [UDF].** * Excellent backend skills in creating **SQL objects** like **Tables, Stored Procedures, Views, Indexes, Triggers,**   **User defined data types,functions.**   * Expert in performance tuning of **T-SQL queries** and procedures. * Expert in High Level Design of **ETL DTS Packages & SSIS Packages** for integrating data using **OLE DB** Connection from heterogeneous sources (Excel, CSV, Oracle, flat file, Text Format Data) by using multiple transformations provided by **SSIS** such as **Data Conversion, Conditional Split, Bulk Insert, Merge and union all.** * Thorough Knowledge of Various **SSIS Objects** such as **Dataflow Components, Control Flow Elements, Connections Managers, Runtime Events, Log Providers etc**. * Sound knowledge in implementing complex transformations like **lookup, merge and merge join, derived column, package logging**and **handling of error records to create SSIS packages.** * Developed **SSIS** packages to **extract** appropriate records and load them to Data Warehouse. * Created **SSIS tasks** to email output and log messages using **Script task**. * Designed high level ETL architecture for overall data transfer from the **OLTP** to **OLAP** with the help of **SSIS**   And also prepared ETL mapping processes and maintained the mapping documents.   * Experience in developing Custom Reports and different types of **chat Reports, Tabular Reports** and   **Matrix Reports** in multiple formats using SQL Server Reporting Services.   * Generated multiple Enterprise reports (SSRS/Crystal) from **OLTP** which included various reporting features. * Expert knowledge of Properties in **SSRS reports** like **Subscription, Cache properties, Snapshot, Security.** * Exposure of **Data Warehousing methodologies** such as **Multidimensional modeling (Star / Snowflake Schemas).** * Good knowledge in developing Interactive Reports using **SSRS** (SQL Server Reporting Services) and web reportingby customizingURL Access. * Developed **Dashboard Reports** using SQL Server Reporting Services (**SSRS**), Report Model and **Ad Hoc Reporting** using Report Builder. * Create **sub reports, bar charts** and **matrix reports**. * Involved in analyzing **ad-hoc reports, sub-reports, drill-down reports, drill-through reports** and **parameterized reports** to provide visible data for data analysts and business using SSRS. * **Deploy**, **manage** and **secure** the reports with Reporting server. * Knowledge about **Pivoting tables** and **Dash board.** * Ability to accomplish tasks under minimal direction and supervision. * Excellent communication and presentation abilities, self-starter with strong logical and analytical skills. * Strong team player with excellent interpersonal and teamwork skills. * Intuitive Learner and Hard worker. * Ability to adapt to a changing environment and priorities.   **Technical skills:**   |  |  | | --- | --- | | **Languages** | **T-SQL**, XML,C++ | | **Tools/Utilities** | SQL Server Management Studio (SSMS), Business Intelligence Development studio (BIDS), SQL server data tools (SSDT), **SSIS, SSRS**, Analysis Manager, SQL Profiler, and Visual Studio 2010/12/15,MS Office, MS Excel. | | **Databases** | MS SQL Server 2005/2008/2012/2014. | | **Version Control** | Team Foundation Server (TFS) | | **Operating Systems** | MS-DOS, Win 95/98/ME/2000/XP/Vista/7/10 | | **Certification** | **Microsoft Certification -70-461(Querying Microsoft SQL Server 2012)** |  Education: Bachelor of Electrical and Electronics Engineering, JNTU, India.  **Professional Experience:**  **Ernst & Young (E & Y), GA Aug’2014-Present**  **Role - BI (SSIS/SSRS)/SQL Server Developer**  Partnership Tax Allocation System is involved in the providing services to file taxes for partnerships. PTAS system helps in calculating the taxes and depreciation values of the partners for a tax period. This system automates tax allocation calculation for partners in a partnership. This system helps in filing taxes for Partnership and partners involved within a partnership to IRS.  **Responsibilities:**   * Designed the databases. Created different objects like tables, views, Stored Procedures, UDF’s, indexes rules and defaults on MS SQL server. * Involved with Transact SQL (T-SQL) Coding, writing queries, functions, views, & triggers. * Optimized stored procedures and indexed query using Index Tuning Wizard. * Created logging 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. * Design and Develop of packages according to the ETL specifications for the staging area & warehouse data loading using SQL Server Integration Services and SQL Server. * Collecting the data from the sources and based on their requirements loading the data into it. * Creating the SSIS Packages in order to load that data into the database. * Implemented all the tax calculations using SQL server. * Creating stored procedures According to use cases document * Created custom ETL architecture for Logging information of SSIS * Uses transformations like Derive Column, Conditional Split, Aggregate, Lookup, Merge join ,Data conversion ,Row Count, sort and execute SQL Task to load data into Data Warehouse. * Uses the various tasks and Containers like for loop and for each Loop, Bulk insert task, Execute package Task, File System task. * Worked on the SQL Server database, creating tables, stored procedures and etc. * Worked on SQL Server Performance using SQL Profiler, Query Analyzer. * Worked on large data warehouse tables and developed the different reports for the analysis from that servers. * Creating and maintaining the indexes using reorganize and rebuilding indexes with suitable fill factor values.   **Environment:**  MS SQL Server 2012/2008r2, SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), Business Intelligence Development Studio (BIDS), MS Excel, Windows XP,Agile.  **WELLS FARGO CHARLOTTE. Jul’2012-Aug’2014**  **Role: BI/SQL Developer**  The Wells Fargo bank provides a full range of commercial & individual banking products and services. The bank primarily engages in generating deposits and originating loans. Its deposit products include savings accounts, money market, and time deposits.  **Responsibilities:**   * Active interaction with users, team lead, DBA’s and technical manager to fully understand the requirements of the system. * Created and developed tables, views, stored procedures, indexes, functions and advanced queries for databases using SSMS 2012. * Performed required DML activities on Stored Procedures, triggers, tables, views and other SQL joins and statements for applications. * Performance tuning of SQL queries and stored procedures using SQL Profiler and Index Tuning Wizard. * Involved in DML activities and deploy new data extractions using SQL Server Integration Services and produced documentation of data transformations for all extractions. * Created complex ETL Packages using SSIS to extract data from staging tables to partitioned tables with incremental load. * Performed data transfer from Oracle, Teradata, FTP, MS Excel and text file to SQL Server 2008R2. * Packages created included a variety of transformations, for example Slowly Changing Dimensions, Look up, Aggregate, Derived Column, Conditional Split, Fuzzy Lookup, Multicast and Data Conversion. * Used SSIS and T-SQL stored procedures to transfer data from OLTP databases to staging area and finally transfer into data marts. * Monitored Full/Incremental/Daily Loads and support all scheduled ETL jobs for batch processing. * Involved in code drops and archives on the production databases during maintenance windows. * Created ETL process and data mapping documents for future references. * Wrote stored procedures to get the fields required for the reports. * Created datasets using stored procedures and reports using multi parameters. * Created sub reports, bar charts and matrix reports. * Involved in analyzing ad-hoc reports, sub-reports, drill-down reports, drill-through reports and parameterized reports to provide visible data for data analysts and business using SSRS. * Generated monthly and quarterly Reports as bar charts for the management using different techniques like data filtering, adding interactivity, deploying reports to report server using SSRS. * Created pivoting tables and dash board report as per the requirements of the client.   **Environment:**  SQL Server 2008/2012 Management Studio, SSDT, SSIS, SSRS, Windows server 2008, Business Intelligence Development Studio (BIDS), dash boards, MS Excel, Windows XP, Crystal Reports, Agile.  **Hitachi America Ltd, Brisbane, CA   Apr’2009-Jul’2012**  **Role: SQL/ BI Developer.**  Hitachi America Ltd. supplies North America with a broad range of high-tech products for consumer and business applications. Hitachi makes and sells a broad range of automotive systems, electronic devices, computer systems and components, information systems, telecom equipment, and power and industrial equipment. Hitachi America manufactures and sells consumer electronics such as computers, TV’s, camcorders, and a select line of PCs. This company also offers some technology help/advice to other business.  **Responsibilities:**   * Gathered requirements from the Business Analyst, Team lead and checked the structure of the schema and data with the Data Modular. * Create database objects in SQL Server 2005 including Tables, Triggers, Views, Stored Procedures, User Defined Functions (UDF) and Indexes. * Creating and managing schema objects such as tables, views, indexes, procedures, triggers and maintained Referential Integrity. * Migrated database from SQL server 2005 to SQL server 2008. * Designed ETL to transfer data from the OLTP to OLAP with the help of SSIS and also prepared ETL mapping processes and maintained the mapping documents. * Responsible for Scheduling Jobs and Maintaining SSIS packages. * Identified the database tables for defining the queries and defined datasets for report generation. * Defined report layouts including report parameters and wrote queries for drill down reports as per client’s requirements using SSRS 2008. * Generated reports using Global Variables, Expressions and Functions based on the requirements using SSRS 2008. * Created parameterized, drilldown and aggregation reports in MS SQL environment using SSRS. * Generated daily, weekly and monthly reports for the managers. * Organized reports and data sources, schedule report execution and delivery and track reporting history using SSRS 2008. * Tested the reports and fixed bugs in the stored procedures. * Maintained the physical database by monitoring performance, integrity and optimized SQL queries for maximum efficiency using SQL Profiler.   **Environment:**  SQL Server 2005, 2008 Enterprise Edition, BIDS, SQL Server Reporting Services, SQL Server Integration Services, SQL CLR, Windows 2008, Water fall Methodology. | | |
|  | **Infosys India / Louisville, KYFeb’2008 – Mar’2009**  **Role: BI/SQL Developer**  It is an Indian [multinational corporation](https://en.wikipedia.org/wiki/Multinational_corporation) that provides [business consulting](https://en.wikipedia.org/wiki/Business_consulting), [information technology](https://en.wikipedia.org/wiki/Information_technology) and outsourcing services. I was responsible for created tables, Views, Indexes and worked with existing database DB Tuning, stored procedures, deploying the data into data warehouse using SSIS and creating the SSRS reports using data from Data warehouse.  **Responsibilities:** | | |

* Design and normalize the databases and created different objects like tables, views, StoredProcedures, UDF’s, indexes rules and defaults on MS SQL server.
* Involved with Transact SQL (T-SQL) Coding, writing queries, cursors, functions, views, triggers.
* Created Complex ETL Packages using SSIS to extract data from staging tables to partitioned tableswith incremental load.
* Created logging for ETL load at package level and task level to log number of records processed byeach package and each task in a package using SSIS.Developed, monitored and deployed SSIS packages.
* Responsible for Scheduling Jobs, Alerting and Maintaining SSIS packages. Generated multiple Enterprise reports (SSRS/Crystal) from SQL Server Database(OLTP) and SQL Server Analysis Services Database (OLAP) and included various reporting featuressuch as group by, drilldowns, drill through, sub-reports, navigation reports etc.
* Optimized stored procedures and indexed query using Index Tuning Wizard.
* Performed DTS for data transfer from Oracle, Teradata, FTP, MS Excel and text file to SQL Server 2000.
* Created DTS packages to transfer objects from development server to production.
* Worked on large data warehouse Analysis services servers and developed the different reports forthe analysis from that servers.

**Environment:**

MS SQL Server 2008/2005, SQL Server Integration Services (SSIS), SQL Server ReportingServices (SSRS), Business Intelligence Development Studio (BIDS), MS Excel, Windows XP, CrystalReports.