**VENUGOPALYADAV DANDU**

**SrETL SSIS/Powercenter Developer**

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**Professional Summary:**

* 8+ years of experience in IT in the areas of analysis, design, development and testing in client server environment with focus on Data warehousing applications using ETL tools with SQL Server databases, SSIS, Oracle etc.
* Experience in OLTP and OLAP design, development, testing, implementation, and support of enterprise data warehouse using SQL Server Integration Services (SSIS) and SQL Server Reporting Services (SSRS).
* Experience in data analysis, design and development of databases for business applications in a client/server and data warehouse environments in SQL 2005/2008/2012/2014.
* Expert in all areas of SQL Server development including tables, user functions, views, indexes, Stored procedures, functions, triggers, clustering, T-SQL, relational database models, data dictionaries, and data integrity.
* Sound knowledge of .Net development in C# with experience in ASP.NET 2.0/4.0, AJAX, Webservices, visual studio 2005/2008/2010
* Well versed in normalization/de-normalization techniques for optimum performance in relational and dimensional database environments and building Referential Integrity Constraints.
* Experience in MS SQL Server databases with tools like Index Tuning Wizard, SQL Profiler, and Windows Performance Monitor for optimal Performance.
* Experience in building Workflow solutions, Data integration and Extract, Transform and Load (ETL) Solutions for Data warehousing using DTS/SSIS packages from multiple sources like Tera-Data, DB2, Oracle, MS Access, Flat files, SQL Server etc., and loading them into target databases.
* Experience in Interacting with Business users to analyze the business process and transforming requirements into screens, performing ETL, documenting and rolling out the deliverables.
* Proficient in Extract Transform Load (ETL) and Data Transformation Services (DTS).
* Strong Experience in Creating, Configuring, Deploying and Testing SSIS Packages.
* Expertise in Extraction, Transformation, loading data from DB2, AS400, SQL Server, Access, Excel, Flat Files and XML using DTS, SSIS.
* Knowledge of Healthcare EDI, HIPAA and Medicare data.
* Worked with FACETS, eBilling and EDI HIPAA Claims.
* Knowledge of medical related codes, e.g. ICD-9, CPT-4, HCPCS, DRG, NDC, etc.
* Great Expertise in creating and managing Event Handlers, Package Configurations, Logging, System and User-defined Variables for SSIS Packages.
* Experienced in writing Parameterized Queries for generating Tabular reports, Formatting report layout, Sub reports using Global Variables, Expressions, Functions, Sorting the data, defining data source and subtotals for the reports using SSRS 2008/2012/2014/2016.
* Expertise in Debugging, Error logging, Error Handling and Production support for SSIS.
* Experience in code optimization and improving efficiency in databases including re-Indexing, updating statistics, Recompiling Stored Procedures and performing other maintenance tasks.
* Good team player, strong interpersonal and communication skills combined with self-motivation, initiative and the ability to think outside the box.
* Extensively worked on system analysis, design, development, testing and implementation of projects **(SDLC**) and capable of handling responsibilities independently as well as a proactive team member.
* Expert in performance tuning, query optimization and running database.
* Strong ETL experience using Informatica Power Center (Repository Manager, Designer, Workflow Manager, Workflow Monitor), Mappings, Mapplets, Transformations and worklets. Extensive experience in Extraction, Transformation and Loading (ETL) of data from multiple sources into Data Warehouse and Data Mart.
* Loading data by using the Teradata loader connection, writing Teradata utilities scripts (Fast Load, Multi load) and working with loader logs.
* Expertise in writing T-SQL Queries using Joins, Sub queries and Cursors in MS SQL server 2005/2008/2008R2/2012/2014.
* Hands on experience in monitoring and managing varying mixed workload of an active data warehouse using various tools like Teradata Workload Analyzer, Teradata Dynamic Workload Manager and Teradata Manager
* Experience in enhancing and deploying the SSIS Packages from development server to production server.
* Excellent knowledge in creating Databases, Tables, Stored Procedure, DDL/DML Triggers, Views, User defined data types, Cursors and Indexes using T-SQL.
* Develop ETL Packages using SSIS and able to write customized scripts to perform complex tasks

**Technical Skills:**

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| BI Tools | SQL Server Integration Services (SSIS), Performance Point Server 2007 |
| Relational Databases | SQL Server 2016/2014/2012/2008/2005/2000, MS Access, DB2, MS Excel, Oracle. |
| Tools and Packages | SQL Server Management studio, Enterprise Manager, Profiler, SSIS, DTS, Microsoft Visual Source Safe, Visual Studio .Net, ProClarity, DB Pro, Visual Source Team Foundation,Informatica 9.x, Teradata. |
| Languages | T-SQL, PL/SQL, V. B6.0, C, C#, VB.Net. |
| Operating Systems | Windows vista/XP/2003/2000/NT 4.0/9x, MS-DOS, UNIX, Linux |
| Web Technologies | HTML, XML, XSL, JavaScript, IIS (4.0/5.0/6/0) |
| Application Packages | MS Office, MS Outlook (Microsoft Office Suite) |

**Education:**

**Bachelors in Electronics and Communication Engineering from JNTU Hyderabad, India**

**Professional Experience:**

**Centene Corp, St Louis, MO Nov 2015– March 2018**

**Sr ETL SSIS/PowercenterDeveloper**

**Responsibilities:**

* Designed and implemented ETL processes based on T-SQL, stored procedures, triggers, views, tables, user defined functions and security using SQL SERVER 2016, SQL Server Integration Service.
* Wrote Triggers and Stored Procedures to capture updated and deleted data from OLTP systems.
* Identified slow running query and optimization of stored procedures and tested applications for performance, data integrity using SQL Profiler.
* Developed ETL packages with different data sources (SQL Server, Flat Files, Excel source files, XML files) and loaded data into target tables by performing different kinds of transformations using SQL Server Integration Services (SSIS).
* Developed SSIS packages to Extract, Transform and Load (ETL) data into the data warehouse database from heterogeneous databases/data sources.
* Created loggings in the existing SSIS Packages.
* Extensively worked with SSIS tool suite, designed and created mapping using various SSIS transformations like OLEDB command, Conditional Split, Lookup, Aggregator, Multicast and Derived Column.
* Used SSIS to create ETL packages (.dtsx files) to validate, extract, transform and load data to data warehouse databases, data mart databases
* Created .NET based Applications using Visual Studio 2012, ASP.NET, HTML and CSS
* Good experience in SSIS Performance Tuning using Error handling, Event handling, Rerunning of failed SSIS Packages using checkpoints and scripting with C#.net in SSIS.
* Migrated DTS 2008 packages to SQL Server Integration Services (SSIS) and modified the packages accordingly using the advanced features of SQL Server Integration Service
* Design, develop, test and implement data integration solutions using SSIS, PL/SQL and other ETL tools and technologies
* Developed, deployed and monitored SSIS Packages including upgrading DTS to SSIS
* Designed ETL packages dealing with different data sources (SQL Server, Flat Files, and XMLs etc.) and loaded the data into target data sources by performing different kinds of transformations using SQL Server Integration Services (SSIS)
* Responsible for developing, support and maintenance for the ETL (Extract, Transform and Load) processes using Informatica Power Center 9.6
* Extensively worked with data warehousing, ETL methodologies, technologies, using Informatica - Power Center Client tools - Designer, Repository manager, workflow manager/monitor and Server tools - Informatica Server, Repository Server manager.
* Developed complex mappings in Informatica using different transformations - Joiner, Aggregator, Update Strategy, Rank, Router, Lookup - Connected & Unconnected, Sequence Generator, Filter, Sorter, Source Qualifier, Stored Procedure transformation etc.
* Experience in data mart life cycle development, performed ETL procedure to load data from different sources into Data marts and Data warehouse using Informatica Power Center.
* Experience in testing Electronic Data Interchange (EDI) per HIPPA Compliance.
* Work closely with EDI to ensure accuracy in data transmissions and shared processes.
* Data analysis with EDI files and data accuracy.
* Experience with identity and access management, authenticating users and updating access information
* Strong Data Conversion and Analysis Skills.
* Analyzed trading partner specifications and created EDI mapping guidelines.
* Data validation and updated client profile on EDI eligibility and enrollment
* Sorted the Extraction from heterogeneous source systems, like Oracle, internal and external flat files and building of the Transformations and Loading formatted data into the Multi-file and Serial files during the intermediate and the final stages of the processes (ETL) using Ab Initio.
* Worked on Teradata RDBMS using FASTLOAD, MULTILOAD, TPUMP, FASTEXPORT, MULTILOAD EXPORT, Teradata SQL and BTEQ Teradata utilities.
* Involved in Performance Tuning at various levels including Target, Source, Mapping, and Session for large data files.
* Created various UNIX Shell Scripts for scheduling various data cleansing scripts and automated execution of workflows.
* Involved in creating SSRS and power view reports.
* Created MDX queries to retrieve data from the cube and also to display SSRS reports.
* Wrote complex Stored Procedure, Queries, Triggers, Functions, Indexes, User-defined functions and Cursors for application
* Responsible for Query optimization and Performance tuning. Performing query plans and making sure each query is using appropriate useful indexes
* Extensively used joins and sub queries to simplify complex queries involving multiple tables

**Environment:** MS SQL Server 2012/2014/2016, SSIS/SSRS 2012/2016, Informatica PowerCenter 10.0/9.6, Visual Studio 2013/2015, C#.NET,Windows 8 Professional, T-SQL, Oracle,UNIX

**UNITED HEALTH CARE, Minnetonka, MN Feb2014 – Oct 2015**

**Sr ETL SSIS/PowercenterDeveloper**

**Responsibilities:**

* Responsible for creating Databases, Tables, Cluster/Non-Cluster Index, Unique/Check Constraints Views, Stored Procedures, Triggers, Rules and Defaults
* Proficient in usage of SSIS Control Flow items (For Loop, execute package/SQL tasks, Script task, send mail task) and SSIS Data Flow items (Conditional Split, Data Conversion, Fuzzy lookup, Fuzzy Grouping, Pivot).
* Designed ETL packages dealing with different data sources (SQL Server, Flat Files) and loaded the data into target data sources by performing different kinds of transformations using SQL Server Integration Services (SSIS)
* Worked as a developer in creating complex Stored Procedures, SSIS packages, triggers, cursors, tables, and views and other SQL joins and statements for applications.
* Developed SQL queries, functions, stored procedures and triggers to perform the backend testing Of data Migrated data from different sources (text based files, Excel spreadsheets, and Access) to SQL Server databases using SQL Server Integration Services (SSIS)
* Good knowledge in creating packages in both DTS and SSIS
* Experience in maintaining Batch Logging, Error Logging with Event Handlers and Configuring Connection Managers using SSIS.
* Experienced in DTS, SSIS packages creation and scheduling them by using Windows Scheduler, SQL Server Agent and Auto Sys tools.
* Creating functions and developing procedures for implementing application functionality at the database side for performance improvement
* Responsible for Data Extraction and Transformation from disparate sources like Oracle, DB2, SQL Server, flat files, XML files and Loading to Oracle using Informatica Power Center.
* Involved in designing of Informatica Mappings by translating the business requirements.
* Used Informatica Powercenter 9.x transformations like Source Qualifier, Expression, Aggregator, Joiner, Filter, Lookup and optimizing the Mapping.
* Develop mapping, session and workflow as per requirement to migrate the data using Informatica Powercenter 9.x.
* Used debugger to identify bugs in existing mappings by analyzing data flow using Powercenter 9.x.
* Interacting with the users and troubleshooting the problems involved with the development of stored Procedures, triggers and problems related to the privileges.
* Worked on troubleshooting and maintaining large (terabyte-size) clustered databases.
* Created various UNIX Shell Scripts for scheduling various data cleansing scripts and automated execution of workflows.
* Designed and developed a web-based application and component using C# to automatically generate constants by reading and parsing XML source files and schema files.
* Involved in development of Web Forms, Classes using C#.NET that incorporates both N-tier architecture and database connectivity.
* Involved with the client team to design and develop the application according to client requirement using WCF, SOA, and ASP.NET with the business logic implemented using C#.
* Proficient in creating ETL package for data conversion using various transformations tasks.
* Data validation on EDI and SQL database.
* Performed change transactions on EDI eligibility and enrollment.
* Data validation and updated client profile on EDI eligibility and enrollment
* Tested and validated HIPPA compliance and HI-7 messages requirements in the application.
* Data validation and updated client profile on EDI eligibility and enrollment
* Rebuilding Indexes and Tables as part of performance tuning exercise
* Maintained stored definitions, transformation rules and targets definitions using Informatica repository Manager.
* Used various transformations like Filter, Expression, Sequence Generator, Update Strategy, Joiner, Stored Procedure, and Union to develop robust mappings in the Informatica Designer.
* Created a BTEQ script for pre-population of the work tables prior to the main load process.
* Responsible for Query optimization and Performance tuning
* Involved in creating SSRS and power view reports.
* Performing query plans and making sure each query is using appropriate useful indexes
* Developed complex SQL queries for data retrieval from various database objects including tables and views
* Used SQL Profiler for Monitoring memory, processor, Disk I/O, SQL Queries
* Strong experience in the design and development of mappings, transformations, sessions and workflows in Power Center.

**Environment**: SQL Server 2008/2012 Enterprise Edition, SSIS, SSRS,C#, XML, T-SQL, SQL Server 2008, VisualStudio.NET IDE, Windows 7 Server, ASP, XML, T-SQL, UNIX, MS Excel, MS Access, Visual Studio 05, Informatica Power Center, Teradata.

**University of Florida, Gainesville June 2012 – Jan 2014Role: ETL SSIS/PowerCenterDeveloper**

**Responsibilities:**

* Built Data marts (Fact and Dimension tables) from the warehouse tables
* Extract, Transform and Load (ETL) source data into respective target tables to build the required data marts
* Understand user requirements and Data Model defined and developed by the business analysts and data architects
* Created SSIS Packages according to the requirements
* Communicate to the business analyst, Data Modeler on a regular basis to be informed on changing requirements or data model design alterations
* Stage (Extract) the source data from files, SQL server, DB2 sources
* Worked with Flat Files Data source connections, ODBC data source connections (to SQL server sources) and DB2 data source connections
* Constructed OLTP and OLAP Databases
* Involved in Deployment and Administration of SSIS packages with Business Intelligence development studio.
* Used Query, SQL, Merge, Case, Validation transforms to transform the data (as needed) before loading into the warehouse tables.
* Developed mappings using Informatica Powercenter Designer to transform and load the data from source systems to target database.
* Developed various Informatica Mappings & Mapplets to load data to ODS using different transformations like Source Qualifier, Joiner, Router, Sorter, Aggregator, Connected and Unconnected Lookup, Update Strategy, Expression, Stored Procedure, Normalizer, Xml and Sequence Generator to load the data into the target tables.
* Created Mapplets to reduce the development time and complexity of mappings and better maintenance and Worked on different sources like Oracle, flat files.
* Implemented performance tuning logic on targets, sources, mappings, sessions to provide maximum efficiency and performance.
* Involved in enhancements and maintenance activities of the data warehouse including performance tuning.
* Used mapping variable for imparting flexible runs of workflows based on changing values.
* Involved in the debugging of the mappings by creating break points to gain trouble-shooting information about data and error conditions.
* Actively involved in Normalization& De-normalization of database
* Used Date functions, String functions, Database functions to manipulate and format source data as a part of Data cleansing and data profiling process
* Worked with Date/time manipulations in SQL Server 2005 built in functionalities as well as Data Integrator Date functions
* Generated Parameterized/dropdown SSRS Reports
* Designed ETL packages dealing with different data sources (SQL Server, Flat Files, and XMLs etc.) and loaded the data into target data sources by performing different kinds of transformations using SQL Server Integration Services (SSIS).
* Designed high level ETL architecture for overall data transfer from the source server to the Enterprise Services Warehouse.
* Prepared ETL design documents for implemented workflows and loaded the documents in the project share point site
* knowledge on Tableau Desktop, Tableau Reader and Tableau Server.

**Environment:**SQL Server 2000/2005/2008, TOAD, Query Analyzer, SSIS 2005, T-SQL, Excel, DTS, T-SQL, Windows 07, XML, MS Excel, MS Access.

**Modern Health, Irvine, CA Nov 2010 – May 2012**

**SQL SSIS Developer**

**Responsibilities:**

* Responsible for creating Databases, Tables, Cluster/Non-Cluster Index, Unique/Check Constraints Views, Stored Procedures & Triggers
* Created SSIS Packages using Derived Columns, Condition Split, Term extraction, Aggregate, Execute SQL Task, Data Flow Task, Execute Package Task etc to generate underlying data for the reports and to export cleaned data from Excel Spreadsheets, Text file, MS Access and CSV files to data warehouse.
* Used SQL Loader and export/import mechanism for data migration for bulk upload. Implemented PL/SQL to perform application security and batch job scheduling using Tidal
* Involved in performance tuning using indexing (Clustered Index,Non-Clustered Index) tables.
* Worked on pre-defined facets included by SQL SERVER
* Involved in Deployment and Administration of SSIS packages with Business Intelligence development studio.
* Tuning Advisor, Ideara SQL Doctor and RedGate Tool Belt
* Developed advanced SQL queries with multi-table joins, group functions, subqueries, set operations and T-SQL stored procedures, user defined functions (UDFs) for data analysis.
* Worked on Lock Avoiding Design Strategies.
* Resolved issues related to query optimization, database optimization and index tuning.
* Migrated DTS packages from SQL Server 2000 to SQL Server 2008 as SSIS Packages.
* Created efficient, robust SSIS packages for data movement and loading with error checking and well documented code.
* Created SSIS Packages to integrate data coming from Text files and Excel files.
* Migrated old data from MS Access into SQL Server 2008 using SSIS Packages in Business Intelligence Development Studio.
* Created SSIS packages to validate, extract, transform and load data to data warehouse databases.
* Created new tables, views, queries for new enhancement in the application using TOAD.
* Developed SSIS Templates which can be used to develop SSIS Packages in such a way that they can be dynamically deployed into Dev, Test and Production Environments.
* Experience in using recursive CTEs, CTE, temp tables and effective DDL/DML Triggers to facilitate efficient data manipulation and data consistency as well as to support the existing applications.
* Loading data by using the Teradata loader connection, writing Teradata utilities scripts (Fast Load, Multiload) and working with loader logs.
* Interact with business partners for the design based on their Business requirements.
* Developed Complex SSIS packages by extensively using data flow Transformations.
* Created User logins at the server level
* Created logins, roles, and groups to the Window NT and MS SQL Server and maintaining proper security procedures
* Developed custom reports using Microsoft reporting Services
* Created Drill Through and Various Cross tabbed reports using Microsoft reporting services

**Environment:**SQL Server 2000/2005/2008, Enterprise Manager, MS Project, Windows 2003 Server, .NET, C#, ASP.NET, DTS, Microsoft Integration Services, TOAD, Teradata, Informatica Power Center 8.5

**HSBC Bank, India Jul 2009 – Sep 2010**

**SQL Server Developer**

**Responsibilities:**

* Analyzed business requirements and build logical data models that describe all the data and relationships between the data
* Created new database objects like Procedures, Functions, Packages, Triggers, Indexes and Views using T-SQL in SQL Server 2000
* Validated change requests and made appropriate recommendations. Standardized the implementation of data
* Promoted database objects from test/develop to production. Coordinated and communicated production schedules within development team
* Managed user access. Created and managed new security accounts
* Developed and implemented database and coding standards, improving performance and maintainability of corporate databases
* Updated the statistics info for both the old and new servers
* Provided back-end support for functional testing and performance testing

**Environment:** SQL Server 2000, T-SQL, DTS Designer, MS-Office, MS Excel