## Venu Madhav Jasti

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* 7+ Years of professional experience in IT industry as an **ETL developer** specialized in **MS BI stack - SSIS, SSAS & SSRS** to develop Business Intelligence Solutions for complex business needs
* Strong working experience on SQL Server 2005/2008 R2/2012 including **DTS, Performance tuning, Reporting, Designing logical/physical databases and Troubleshooting**.
* Familiar with **Agile project methodologies, Daily SCRUM** and continues integration models
* Experience across all phases of the **SDLC** from project initiation to post-implementation
* Experience in **ETL** processes. Worked extensively on **data extraction, cleansing/data integration and loading** from different data sources using SSIS.
* Thorough knowledge of **Star & Snowflake** schemas and **data modeling** using **Erwin and Visio**.
* Used various Transformations like **Lookup, Derived Columns, Multicast, Data Conversions, Union All, Sort, Merge Join, Script Component, Ole DB command**
* Experience in maintaining **Error Logging using Exceptional Handling** in T-SQL and MS SQL Server Integration Services (SSIS).
* Hands on experience in **Scheduling Jobs and Alerts** in SSIS.
* Designed **OLAP and MOLAP** strategies. Worked on **OLAP** cube designs.
* Expert in designing Enterprise reports using SQL Server Reporting Services and **Excel Pivot table** based on OLAP cubes which make use of multiple value selection in Parameters pick list, **cascading prompts, matrix dynamics** reports and other features of reporting service.
* Extensive knowledge in T-SQL queries (DDL and DML) and construction of complex queries involving multiple tables to create and maintain database objects like **Stored Procedures, User Defined Functions, Views, Indexes**.
* Experience in creating Ad-hoc reports, data driven subscription reports by using **Report Builder** in SSRS and ability to export reports and query results to Excel or PDF
* Hands on experience in processing **HL7,XML** components and tools like **Talend,Business objects**
* Created complex **universes** by employing various techniques including loop detection, prompts, conditions, classes, object dimensions, measures, multiple contexts and hierarchies
* Experienced across various domains such as **Banking, Finance, Insurance, Crowdfunding** and **Healthcare**

**Technical Skill Set**

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| **ETL Tools** | DTS, SSIS 2005/2008 R2/2012, Talend 5.4/5.5, Informatica 9.1 |
| **Databases** | SQL Server 2005/2008 R2/2012, Oracle 9i/10g/11g, MySQL 5.5/5.6, DB2 10.5 |
| **Data Modeling Tools** | Visio, Erwin, Rational Rose |
| **Reporting Tools** | SSRS 2005/2008 R2/2012 , Business Objects 4.0, Qlik View, Fusion Charts |
| **Analysis** |  SSAS (Multidimensional and Tabular), Business Objects 4.0 |
| **Scripting Language** | VB.Net, C#, T-SQL, PL/SQL, C, HTML |
| **Other Tools** | SSDT, BIDS 2005/2008, Visual Studio 2008/2012, Power BI, MS Excel PowerPivot, MS Excel PowerView, Microsoft Sharepoint, SQL Profiler, SQL\*Loader  |
| **Operating systems** | Windows Server 2003/2008/2012, Linux |

**Projects**

* **Client: Power Wellness, Pittsburgh, PA**

**Position: Sr. BI Developer**

**Duration: 03/2014 to till now**

**Summary**:Power Wellness provides design, construction, and operations management services customized for medically integrated centers, commercial fitness centers, and university or community fitness facilities. This project involves reading an electronic medical record which is in HL7 format, extract data into database and generate an output HL7 file after certain operations. It also involves extracting data from various sources into SQL Server 2008 R2 target using SSIS packages.

Roles & Responsibilities:

* Continuously interacted with Business Analysts and end users to gather business requirements
* Created detailed design and requirements documentation with logic to help better understanding of the system
* Using ETL (SSIS) to develop jobs for extracting, cleaning, transforming and loading data into data warehouse.
* Involved in the Migration of Databases from SQL Server 2008 R2 to SQL Server 2012.
* Prepared the complete **data mapping**for all the migrated jobs using SSIS.
* Creating databases and schema objects including tables, indexes and applied constraints, connected various applications to the database and designed functions, stored procedures
* Designing SSISPackagesto transfer data from flat files and MySql to SQL Server using SQL Server Data Tools.
* Created scripts to transfer data from HL7 format file to database and after analysis and mergers recreated HL7 output file with database as source.
* Extensively using SSIS transformations such as **Lookup**, Derived column, Data conversion, Aggregate, Conditional split, SQL task, Script task etc
* Created complex SSIS packages using appropriate control and data flow elements with SSIS Standards like error handling, logging and working with package configuration
* Developed complex stored procedure using T-SQL to generate Ad hoc reports using SSRS
* Using Execution Plan**,** SQL Profiler and Database Engine Tuning Advisor to optimize queries and enhance the performance of databases
* Scheduled jobs to run on daily and weekly basis using SQL Server Agent and also configured email to notify status to analysts for review
* Performed design/code reviews to make sure that the design/code adheres to customers standards and meets industry’s best practices
* Worked on Agile methodology, attended daily scrum meetings for work status update and participated in sprint planning for iteration

**Environment: SQL Server 2008 R2/2012, SSIS, SSRS, T-SQL, SQL Server Data Tools (SSDT),** **SQL Profiler**, **MS Excel, C#, Visual Studio 2012, XML, HL7**

* **Project: Mystudypartner.com, Des Moines, IA**

**Position: Sr. BI Developer**

**Duration: 04/2013 to 02/2014**

**Summary**:My Study Partner is designed to help people connect with each other. This site enables the visitor to search for, and find people across the world to study effectively with them. It enables visitors to sign up for free, select study partners, create groups and invite others to join the group for studying and knowledge sharing.

Roles & Responsibilities:

* Continuously interacted with Business Analysts and end users to gather business requirements
* Designing and developing various SSIS Packages to Process XML Data to Staging and Data warehouse
* Designed data warehouse and data marts and automated the process
* Developed Tabular model using SQL Analysis Services (SSAS).
* Involved in creating Named calculations, named queries, KPI's, hierarchies, calculations, groups, dimensions and facts
* Designing and developing Dashboard for analysis and marketing
* Worked with C# developers to create reports which can be accessed by portals
* Created complex stored procedures to use as the dataset for the reports to generate Adhoc reports using SSRS
* Developed complex SSRS reports involving Sub reports (Matrix/Tabular reports, Charts and Graphs)
* Scheduling jobs and Alerts using SQL Server Agent
* Created and worked with drill down reports and identified the report parameters
* Helped the users to test the reports created and optimized the performance of the end reports to get data from SQL Sever Database and SQL Server Analysis Services

**Environment: SQL Server 2012, SSAS, SSIS, SSRS, SQL Server Data Tools (SSDT), T-SQL, DAX, MS Excel, SQL Profiler, C#, Visual Studio 2010**

* **Project: Spotcrowd, Pittsburgh, PA**

**Position: Sr. BI Developer**

**Duration: 06/2012 to 04/2013**

**Summary**:Spotcrowd Projects is an online community for start-up users, project owners, investors, service providers, platform owners and broker dealers. This website provides many decision-making tools, which ignites crowd funding and investors to new ideas. These tools are Sentiment Scape, WIS web investment search ,View Business Plans, Skip Tracing, Watch List Portfolio, Comparison Leaderboard, BI Dashboards , Set up an Database for aggregating data, POVs & Comments.

Roles & Responsibilities:

* Designing and developing various cube design for processes including the KPI designing for the performance
* Designing database architecture for various module
* Loading data that has been extracted from Excel Sheets and Flat Files. Once data is loaded to temporary tables, then my job is to load the data into the application database using SSIS
* Created number of dataflow task, which in turn have different dataflow transformations
* Used SSIS variables to execute the package dynamically
* Worked with different types of dataflow transformations like Derived Column, Data Conversion, Lookup and Conditional Split etc
* Created Stored Procedure to execute package from the command line
* Created different levels of drill through reports in both Tablix and Graphs using Actions
* Creating analytical and operational Reports for the customer

**Environment: SQL Server 2008 R2, MySQL 5.5, SSAS, SSIS, SSRS, Business Intelligence Studio (BIDS), T-SQL, MDX, MS-Excel, Visual Studio 2008**

* **Client: Business Intelligenze, Boston, MA**

**Position: BI Developer**

**Duration: 11/2011 to 05/2012**

**Summary**:Business Intelligenze are SaaS provider of Business Intelligence & Analytics solutions to companies that outsource their non-Core processes with complete solution set for their business needs, helps decision-makers carry out BI delivered as Service in a sustainable, competitive & advantageous way with a very high operational focus

Roles & Responsibilities:

* Designing and developing various cube design for processes
* Developing performance dashboards in SSRS
* Participating in Data warehouse and data mart design
* Designing SSIS packages to centralized data warehouse and Data Marts and automating them
* Performance improvements in their existing data warehouses
* Designing and developing SSIS packages for some of their clients to maintain their transaction data over the cloud
* Scheduling of the packages and reporting to the authorized persons
* Handling issues raised by clients in production support environment

**Environment: SQL Server 2008 R2, SSAS, SSIS, SSRS, Business Intelligence Studio (BIDS), MDX, T-SQL, C#, Visual Studio 2008**

* **Client: Kraft Foods, Northfield, IL**

**Position: ETL Developer**

**Duration: 02/2011 to 10/2011**

**Summary**:Kraft is a global leader in retail and food products. We have worked for one of their client providing automated system to transfer data from Oracle system to SQL Server 2008 and to Data Warehouse using SSIS.

Roles & Responsibilities:

* Designing SSIS packages to get data from Oracle to SQL Server on daily bases
* Writing ETL scripts for ETL data flow
* Tuning the mapping to enhance the performance
* Application Development required by customer for interfacing with scripts in C#.net
* Designing SSIS packages to load data into Data Warehouse incorporating complex rules
* Testing of SSIS Packages
* Scheduling of the packages and reporting to the authorized persons
* Handling issues raised by clients in production support environment

**Environment: SQL Server 2008 R2, SSIS, SSRS, Business Intelligence Studio (BIDS), T-SQL, MS Excel, C#, Visual Studio 2008**

* **Client: Digital Insight, Athens, GA**

**Position: ETL Developer**

**Duration: 01/2010 to 02/2011**

**Summary**:Digital Insight is a largest provider of online financial management solutions. They were maintaining their financial data in Tally over the years. The project involved extracting the data from embedded database and loading it into SQL Server.

Roles & Responsibilities:

* Complex Business Rules are implemented to identify error records
* Developing ETL transformations
* Writing Procedures, Functions, and Queries as per requirement.
* Customer interaction for requirement analysis for designing reports using SSRS
* Application development required by Customer for interfacing with scripts in C#.net.
* Preparing test scripts and reviewing the test results and Tuning of the mappings to enhance the performance

**Environment: Oracle 9i, SQL Server 2008 R2, SSIS, SSRS, Business Intelligence Studio (BIDS), T-SQL, SQL\*Loader, SQL Profiler**, **C#**, **Visual Studio 2008**

* **Client: Corporate Computer Solutions, Tampa, FL**

**Position: BI Developer**

**Duration: 06/2008 to 12/2009**

**Summary**: This Project is used to develop a tool to manage and tune search advertising campaigns with simplest. Using this tool customer can create and manage all their campaigns in one view, across all major search engines. Immediately act on real-time recommendation alerts from over 20 propriety algorithms, monitoring and identifying opportunities for their campaigns to succeed.

Roles & Responsibilities:

* Analysis and identifying the data to be migrated
* Design and develop the mappings for source system data extraction, data staging, transformation, validation and error handling
* Created number of dataflow task, which in turn have different dataflow transformations.
* Created and Modified StoredProcedures, Triggers, Views according to the business
* Publishing of reports to Info view and importing and exporting of reports from development to QA and to production.

**Environment: SQL Server 2005, SSIS, SSAS, SSRS, Business Intelligence Studio (BIDS), T-SQL, SQL Profiler**, **MS Excel, Windows Server 2003**

* **Client: SEW Infrastructure Ltd, Hyderabad, India**

**Position: Developer**

**Duration: 08/2007 to 05/2008**

**Summary:** This system is used to perform Policy Formulating, claiming process. The console application, which is part of this system, does the month-end and the day end process apart from performing regular data. The main purpose of the project is to perform Extraction, Transforming and Loading into SQL Server 2005 target using SSIS 2005.

Roles & Responsibilities:

* Converting requirements to detailed design
* Created various transformations functions to synchronize data
* Used SSIS variables to execute the package dynamically.
* Involved in Performance Tuning
* Involved in developing the Reports

**Environment: SQL Server 2005, SSIS, SSRS, Business Intelligence Studio (BIDS), T-SQL**, **SQL Profiler, Windows Server 2003**