# Manikanta

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**SUMMARY**

* **Around 8 years** of Data warehousing experience with **Microsoft SQL Server 2016/2014/2012/2008/2005, SSIS/SSAS/SSRS, OLTP** and **OLAP.**
* Hands on experience in creating Business Requirements, Technical Specification, Testing Documents, Knowledge Transfer Documents and Migration Documents.
* Extensive experience in creating interfaces using **SSIS in MS-SQL Server 2005**and its different **tools** like **SSMS (**SQL Server Management Server)**, BIDS (Business Intelligence Development Server)** and **SQL Server Configuration Manager.**
* Created Workflow diagrams using MS Visio.
* Experience in Using MS Project to track Project Timeline.
* Experience in developing the applications using **T-SQL Programming (DDL, DML, DCL).**
* Hands on experience in creating **ETL** packages using SQL Server Integration Services (**SSIS**).
* Experience in Upgrading from **SQL Server 2000/2005/2008** to **SQL Server 2005/2008/2012.**
* Expert at creating reports using **SSRS** (SQL Server Reporting Services), **SSAS**   
  (SQL Server Analytical Services) and **OLAP** (Creating cubes) including Interfaces with **BIDS.**
* Experience in **Developing and Extending SSAS** Cubes, Dimensions and data source views **SSAS-**Data Mining Models and **Deploying** and **Processing SSAS objects.**
* Good knowledge in optimizing queries using **MDX** and **DMX.**
* Actively participated with design and development of NoSQL(MongoDB) solutions for the us.
* Experience in designing Database Models using **MS Visio** and **ER-Win.**
* Expertise in generating reports using **Business Objects 6.5/XI, Crystal Reports and SSRS**.
* Experienced in generating dashboards using**, QlikView, Qlik Sense and PowerBI.**
* Expert in automating process by **creating jobs, and error reporting using Alerts, SQL Mail Agent, FTP** and **SMTP.**
* Experience in **MS-DTS, Troubleshooting Design** and **Administration** of Databases and other **RDBMS** concepts such as **Tables, User Defined Data Types, Indexes** and **Stored Procedures.**
* Expert in **Extracting** and **Transforming** data using **SSIS in SQL Server, DTS** in **SQL Server 2000, Import, Export Data, Bulk Insert** and **BCP.**
* Experience in the development of **life cycle methodologies.**
* Excellent in **Transforming Logical Database designs** into **Physical Databases.**
* Expertise in **Building** and **Rebuilding Very Large Databases (VLDB).**
* Experience in **Optimizing SQL Performance** by **Performance Tuning** and **Client/Server Connectivity**, **Back-up/Recovery** running Database Consistency Checks using **DBCC.**
* Experience in **Error handling** using **Stored Procedures** and **Views.**
* Exceptional background in **analysis, design, development, customization, implementation** and **testing** of software applications and products.
* Excellent **technical** and **analytical** skills with clear understanding of design goals of ER modeling for **OLTP** and dimension modeling for **OLAP.**
* Intensive experience in monitoring database performance using **SQL Profiler, Index Tuning Wizard** and **Windows Performance Monitor.**

**TECHNICAL SKILLS**

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| **Databases** | MS SQL Server 2016/2014/2012/2008/2005, ORACLE, MS Access, Teradata V2R6/V2R5, DB2 |
| **Database Tools** | **MS SQL Server 2016/2014/2012/2008/2005**, MS-Access, SQL Server Integration Services, Data Transformation Services, SQL Server Analysis Services, OLAP (Online Analytical Processing, Multi-dimensional Cubes and Business Intelligence & Development Studio |
| **Development skills** | T-SQL, PL/SQL,**SSIS/SSRS/SSAS**, Pro-clarity |
| **Languages** | VB.net, VB Script, T-SQL, SSAS, OLAP, HTML, XML, ASP.NET, Java Script, C, C++ and MDX |
| **ETL Tools** | DTS, **SSIS (SQL Server Integration Services),** Informatica |
| **Reporting Packages** | SQL Server Reporting Services, Business Objects 6.5/XI, Crystal reports 11/10/9, MS Excel |
| **Tools/Methodologies** | MS Visio, Erwin, MS Project, Rational Rose, SQL Profiler, SQL\*Loader, Front page |

**PROFESSIONAL EXPERIENCE**

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| **Client: Lear Corporation, Southfield – MI March 2016 – To Date** |
| **Sr.SQL & BI DEVELOPER** |

Lear Corp. is the world’s largest supplier of premium automotive seating and electrical distribution system. Projects, I worked are eFor, Sales by Model, Sales Forecast, IHS, PM10, PPRD, Hyperion Reports, MoS Dashboards, Marketing Dashboards, Integrated Manufacturing Reports and Integration of EO databases with Lear.

**Responsibilities:**

* Involved in **gathering business requirements** from business to understand and formulate the design of the EDW& Leather Market Forecast.
* Organized the meetings between Business Users, EDW team to gather the requirements.
* Conducted JAD sessions with users explaining the data flow and sequence of events.
* Created **functional requirement specifications** and supporting documents for business systems.
* Worked as a liaison between the Business Users and BI technical team to convert the business requirements into technical requirements.
* Created charts based on the existing data to project AS ID – TO BE capabilities of the new proposals.
* Developed complex SQL queries, Joins, Functions, CTEs, and Stored Procedures to generate reports.
* Actively interacted with the team of managing and administering NoSQL database systems.
* Enforced referential integrity in the OLTP data model for consistent relationship between tables and efficient database design.
* Analyzed the gaps, streamlined the existing process, proposed and implemented new processes to build reporting platform moving away from citrix reports.
* Reverse engineered the existing applications to evaluate GAPS and recommended solutions in light of new requirements in order to support the new Leather Market Forecast Initiative.
* Designed the Templates, work-flow and standards for **SSIS Packages.**
* **Migrated Measuring Bridge** Application and its dependent objects from SQL Server 2012 to 2014.
* Completed code reviews raised for DB objects in code collaborator and checked into TFS.
* Created **SSIS packages** to move data from BPCS (ERP System) to SQL Server and to move data from Sources to Staging and to EDW.
* Analyzed source OLTP systems and created data mapping documents for the ETL process.
* Developed ETL packages with different data sources (SQL Server, Flat Files, EDI files, Excel source files, XML files etc.) and loaded the data into target tables by performing different kinds of transformations using SQL Server Integration Services (SSIS).
* Built various SSIS packages having different tasks and transformations for various business areas and **Scheduled SSIS packages.**
* Designed **Hierarchies by setting name column and key column** as there was no strong hierarchies defined.
* Designing and building data load procedures using **MS SQL** Server.
* Developed reports in SSRS **charts, graphs and maps** for better visualization.
* Created Dashboards using **Tableau, QlikView, QlikSense and PowerBI.**
* Designed drill-down and drill-through reports in SSRS, drill-through reports that can navigate to other reports or to another URL.

**Environment:** SQL Server 2106/2014/2012/2008 R2, T-SQL,MS SQL Server,Windows 7, Visual Studio 2012/2008, Erwin, SSIS, SSRS, SSAS, MS-Visio, Share-Point Designer, MOSS-2007, Microsoft-Office 2010

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| **Client: Guitar Center, Westlake Village – CA May2015 – February 2016** |
| **Sr.SQL Server& BI DEVELOPER** |

Woodwind & Brass wind - Your band & orchestra authority - offers more than 65,000 musical products. We carry a full range of woodwind instruments such as saxophones, clarinets, flutes, oboes and bassoons plus all the woodwind accessories you need like saxophone reeds, clarinet reeds, ligatures, mouthpieces and more. We also have a wide selection of brass instruments including trumpets, trombones and tubas as well as marching brass, plus accessories like brass mouthpieces and mutes. Woodwind & Brass wind also carries orchestral strings, sheet music and method books, drums, guitars and classroom instruments.

**Responsibilities:**

* Worked as part of a team for **gathering and analyzing Business Requirements**
* Gathering requirements during inception phase. Documented and delivered **functional requirement specifications** and supporting documents for business systems.
* Gathering source metadata definitions from legacy systems, to create a unified data warehouse by getting the data from multiple legacy systems
* Designed the work-flow and standards for **SSIS Packages**
* Involved in developing Life Cycle using **Agile Methodology**
* Developed SQL, SSIS, SSRS, SSAS and OWC reports using SQL Server 2008 R2, BIDS 2008 and MOSS 2007
* Created SSIS Packages to export and import data from CSV files, EDI files, Text files and Excel Spreadsheets.
* Created SSIS Packages to move data from Sources to PSA(Persistent Staging Area), from PSA to CDA (Confirmed Dimension Area) and from CDA to different Data Marts
* Created **SSIS packages** to move data from Oracle to SQL Server and also from other sources such as Text and Excel files
* Wrote complex stored procedures, functions, and triggers to implement business logics in the OLTP database.
* Created **SSIS packages to process cubes** and schedule the processing as per requirements
* Built various SSIS packages having different tasks and transformations for various business areas and **Scheduled SSIS packages**
* Developed cubes in SSAS. **Created DSV’s** using **Named Query** and set the **Logical Primary Key** as the cubes were built on relational tables
* Developed Calculated measures, set attribute relationships and perspectives
* **Created Partitions in Cubes** on time dimension for optimizing the performance
* Designed **Hierarchies by setting name column and key column**for lack of Hierarchies
* Developed reports in SSRS **charts, graphs and maps** for better visualization
* Designed drill-down and drill-through reports in SSRS, drill-through reports that can navigate to other reports or to other URL
* **Published reports on to Share-Point** and **Report Server** and set the data-driven subscriptions for these reports
* **Used MS-Office Web Components** to show data directly from the cube on a web-browser as a **OWC Report**
* **Designed web pages in Share-point** to show various reports and OWC reports linked together

**Environment:** SQL Server 2014/2012/2008 R2, MS SQL server, T-SQL, Windows Server 2012/2008, Windows 7/XP, Visual Studio 2013/2010/2008,EDI, TFS 2013/2010/2008, Report Builder 3.0, Erwin, SSIS, SSRS, SSAS, MS-Visio, SharePoint Designer, MOSS 2007, Microsoft-Office 2013/2010/2007, Data Migrator, MDC, DQC

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| **Client: Cleveland Clinic – OH January 2014 -April 2015** |
| **Sr.SQL Server& BI DEVELOPER** |

The objective of the project was to capture and analyze organization data so it can be used to make smart business decisions based on up-to-date information. End-to-end BI solutions were developed to help health care providers improve the quality of patient care by collecting health-related data that can help providers by integrating source systems into an enterprise data warehouse.

**Responsibilities:**

* Involved in **gathering business requirements** from business and clients to develop various reports and cubes based on the new data-warehouse to be built
* Gathering requirements during inception phase. Documented and delivered **functional requirement specifications** and supporting documents for business systems.
* Identified, suggested and implemented new applications in light of use new EHR system EPIC to maintain the data warehouse
* Gathering source metadata definitions from legacy systems, to create a unified data warehouse by getting the data from multiple legacy systems
* Analyzed the business requirements and converted them into Technical and Functional specification documents
* Designed the work-flow and standards for **SSIS Packages**
* Involved in developing Life Cycle using **Agile Methodology**
* Created Partitions in Cubes on time dimension for optimizing the performance.
* Developed SQL, SSIS, SSRS, SSAS and OWC reports using SQL Server 2012, BIDS 2008 and MOSS 2007.
* Created reports to retrieve data using Stored Procedures that accept parameters.
* Created database objects such as triggers and audit tables to capture the incremental data from OLTP.
* Involved in **database modification** process and **data re-modeling** process for CRIMSON\_DM
* Created **SSIS packages** to move data from Oracle to SQL Server and also from other sources such as Text and Excel files
* Prioritizing and developing user scenarios for EDI transactions involving document preparations.
* Created SSIS Packages to move data from Sources to PSA(Persistent Staging Area), from PSA to CDA (Confirmed Dimension Area) and from CDA to different Data Marts
* Created **SSIS packages to process cubes** and schedule the processing as per requirements
* Built various SSIS packages having different tasks and transformations for various business areas and **Scheduled SSIS packages**
* Developed cubes in SSAS. **Created DSV’s** using **Named Query** and set the **Logical Primary Key** as the cubes were built on relational tables
* Developed Calculated measures, set attribute relationships and perspectives
* **Created Partitions in Cubes** on time dimension for optimizing the performance
* Designed **Hierarchies by setting name column and key column** for lack of Hierarchies
* Developed reports in SSRS **charts, graphs and maps** for better visualization
* Designed drill-down and drill-through reports in SSRS, drill-through reports that can navigate to other reports or to other URL
* **Published reports on to Share-Point** and **Report Server** and set the data-driven subscriptions for these reports
* **Used MS-Office Web Components** to show data directly from the cube on a web-browser as a **OWC Report**
* **Designed web pages in Share-point** to show various reports and OWC reports linked together

**Environment:** SQL Server 2014/2012/2008 R2, T-SQL, Windows Server 2012/2008, Windows 7/XP, Visual Studio 2013/2010/2008, TFS 2013/2010/2008, EDI, Report Builder 3.0, Erwin, SSIS, SSRS, SSAS, MS-Visio, SharePoint Designer, MOSS 2007, Microsoft-Office 2013/2010/2007, Data Migrator, MDC, DQC

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| **Citrix Systems Inc, Fort Lauderdale, FLMay2012 - December 2013** |
| **SQL Server / BI /SharePoint Developer** |

Citrix Systems, Inc is a [multinational corporation](file:///C:\wiki\Multinational_corporation) founded in 1989, which provides server and [desktop virtualization](file:///C:\wiki\Desktop_virtualization), networking, service, cloud technologies. My responsibilities include writing store procedures, design, develop and deploying SSIS packages. Designing cubes, building and maintaining reports from these cubes.

**Responsibilities:**

* Analyzed **business requirements** from clients about the credentials needed to access their servers, firewall settings and management about the table structures that are to be defined and the data structure that is to be collected from the clients
* Created **functional requirement specifications**& supporting documents for business systems.
* Worked with providing data to **SAP** systems and pulling data from **SAP** systems using SSIS
* Designed**database** and created **data models**for process for Billing Method using Erwin
* Created **Data-driven Packages** in **SSIS** as part of the automating the process for billing method.
* Extracted data from various sources like SQL Server 2005/2008, Oracle, .CSV, Excel and Text file from Client servers and through FTP
* Built various SSIS packages having different tasks and transformations for various clients and **Scheduled SSIS packages**
* Created**reports using SSRS** from various sources like SQL Server 2008/2012 and Cubes from Analysis Services
* Designed and optimized dynamic SQL batches to perform bulk operations in the OLTP environment
* Designed reports using **Pivot-tables, bar-charts, Line-charts and Pie-charts**on data from cubes and SQL Server in Excel 2007
* Built**Drill Down**, **Drill through**, **linked and subreports** using **SSRS 2008**
* Designed various **Cubes** as per the requirements for various clients using SSAS
* **Designed Partitions in Cubes** on time for improvement in performance using SSAS
* **Published reports on to Share-Point** and **created Web Parts in Share-Point** to show various reports generated from Excel and SSRS in one Page
* **Created forms on share-point to show live data** from underlying data-sources like SQL Server to Clients enabling them to edit the data and update the data in the underlying data-sources and allowing the users to **insert data into the underlying data-sources**
* Experience in developing Life Cycle using **Agile Methodology**
* Experience in optimization of queries, improving the performance and Maintaining the database consistency with **DBCC** at regular intervals

**Environment:** SQL Server 2012/2008/2005, T-SQL, Windows XP/2003, Visual Studio 2008/2005, Oracle, Report Builder 2.0, SQL Profiler, Erwin, SQL Server Integration services, SQL Server Reporting services, SQL Server Analysis Services, Visio, Share-Point, Microsoft-Office 2003/2007, MS-Excel 2003/2007.

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| **Cetera Financial Group, El Segundo, CAAugust 2011 – May 2012** |
| **SQL Server / BI Consultant** |

**Cetera Financial Group**provides comprehensive broker dealer services and competitive advisory programs, which formed after the separation of PrimeVest Financial services, Financial Network, Multi Financial Network three broker dealers from the ING. The projects mainly deal with analysis of databases, migration and creation of databases, and application from ING to Cetera Financial Group Data centers.

**Responsibilities:**

* Actively involved in the different stages of the project life cycle while enhancing a logical and physical architecture for SQL server 2005 gathering business requirements through triage meetings with clients and business analysts.
* Installed and configured **MS SQL Server**2008/2005 Enterprise Edition on Development server.
* Created databases and database objects tables, stored procedures, views, triggers, rules, defaults, user defined data types and functions in **SQL Server** 2008/ 2005.
* Experience in migrating databases from **SQL Server** 2005 to **SQL Server** 2008 R2.
* Responsible for Logical and Physical Database Modeling using CA All Fusion Erwin Tool and MS Visio following normalization techniques and building referential integrity constraints.
* Setup Database Maintenance Plans to reorganize indexes, re-indexing and updating the index statistics on the production databases.
* Responsible for modification of Manager Reports, Advisory reports, Licensing reports, Insurance reports and other reports used by the business and the finance teams.
* Designed and developed **SSIS** packages for loading data from ODS (Operational Data Store) to data warehouse before loading the data into data warehouse used **SSIS** tasks to purge and data scrubbing, including data validation checks during staging
* Created **SSIS** packages to download data from FTP sites and populating into different databases and tables.
* Deployed and designed cube in **SSAS** environment incorporating dimensional star schema design. Users could conveniently browse the data within the deployed cube using the MS EXCEL
* Created OLAP (**SSAS**) data models and user interface designs to provide intuitive presentation of data and metadata to Business End Users and dynamically generates MDX queries.
* Involved in writing stored procedures, functions and created the reports (**SSRS**).
* Responsible for creating Tabular, Matrix and Drilldown Reports using **SSRS**.

**Environment:**SQL Server 2008 R2/2005/2000, Transact-SQL, Visual Studio, SQL Server Reporting Services (SSRS), MS Analysis Services (SSAS), SQL Server Integration Services (SSIS), Share Point, Framework 2.0, C#, ASP.NET, VB.NET, ADO.NET, XML.

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| **Client: Medtronic’s Inc, Minneapolis, MN Jan 2011 – August 2011** |
| **BI Consultant** |

Medtronic was founded in 1949 as a medical equipment repair shop since then, it’s grown into a multinational company that uses technology to transform the way debilitating, chronic diseases are treated. New technologies are used to treat more than 30 chronic diseases affecting many areas of the body. With presence in Canada, US, Japan, China, Latin America the company has a reputation for quality services.

**Responsibilities:**

* Developed **SSIS** packages to conduct simple and complex transformations, and executed these packages using the execution package.
* Conducted data migration processes in the **SQL** Server environment using **SSIS.**
* Extracted data from many operational systems, including flat files, spread sheets and RDBMS like SQL Server and Oracle 10g.
* Conducted and automated the ETL operations to Extract data from multiple data sources, transform inconsistent and missing data into consistent and reliable data, and finally load it into a Multi-dimensional data warehouse.
* Created copies of operational Databases using the Import/Export Wizard.
* Developed Triggers to raise events on executing insert, delete and update stored procedures.
* Optimized existing stored procedures to achieve improved performance.
* Developed advanced correlated and un-correlated sub-queries in **T-SQL** to develop complex reports.
* Generated reports using the Crystal Reports and Reporting Services 2005.
* Designed and Developed matrix, tabular and parametric Reports in the SQL Server Reporting Services 2005.
* Developed XML tags to structure data and improve the data migration process.

**Environment:**SQL Server 2008 R2/2005, Windows Server 2003, Enterprise manager, Query Analyzer, SSIS, SSAS, SSRS, C#, SQL profiler, Performance Monitor, Query Optimizer, T-SQL, Erwin 3.5.2/4.0.

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| **Life Insurance Corporation of India– IndiaMay 2009 – Nov 2010** |
| **SQL Server / BI Developer** |

**Responsibilities:**

* Extracted **large volumes of data** from different data sources and loaded the data into target data sources by performing different kinds of **transformations** using SQL Server Integration Services (**SSIS**)
* Used**SSIS** script task, look up transformations and data flow tasks using **SQL** and **VBasic** (VB) scripts
* Created **stored procedures, functions, triggers**and called them in the SSIS packages.
* Involved in **designing, building and deployingcubes** using SQL Server **Analysis Services**
* Used **best practices** method to build the **cube** with respect to the performance
* Experience in **SQL joins, sub queries, tracing and performance tuning for** better running of queries
* Used **Error Handling** using **TRY** and **CATCH** blocks and **performance tuning** using counters in SSIS
* Participated in developing **Logical design** of database incorporating business logic and user requirement
* Worked with **advance properties** of the cubes like **calculations, partitions and aggregations**
* Configured database **mail, created operators, jobs, alerts** for automating databases
* **Ad-hoc** report design, grouping & sorting using Visual Studio 2005 and importing **sub-reports** into it.
* Created **documents** with both Grids and Graphs as per user requirements
* Formatted **reports into documents** for end users using **Report Services**

**Environment**: MS SQL Server 2008/2005, T-SQL,UNIX, Excel, Access, Reporting Services, Analysis Services, DTS**,**C#,Data Analyzer, Visual Studio 2005, Crystal Reports 8.0, Windows XP/2000