**Sandeep Gundelli**

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**SUMMARY**

* 7+ years of experience in project design, analysis, development, and management using Microsoft SQL 2005/2008/2012/2014 and 2016.
* Expert in Microsoft Business Intelligence technologies including MS SQL Server Integration Services (SSIS), MS SQL Server Reporting Services (SSRS) and MS SQL server Analytical Services (SSAS).
* Proficient in database modelling for OLTP, Data Marts, Operational Data Store (ODS), and OLAP.
* Created and published reports using SSRS, Report Builder, Report Designer, and Report Manager.
* Strong skills in coding and debugging **Teradata** utilities like Fast Load, Fast Export, Multiload, Tpump and BTEQ for **Teradata ETL** processing huge volumes of data throughput.
* Proficient in writing complex T-SQL queries using Inner, Left, Right, Outer, and Cross Joins.
* Extensively used Angular**UI** (Angular Bootstrap) for ng-grid, and **UI components**.
* Involved in designing and building OLAP dimensions and cubes using SSAS.
* Worked closely with **Teradata**Vendors for the **Teradata** incidents and database restarts during the maintenance windows etc.
* Experience in defining queries for generating drill down reports in SSRS.
* Experience in iterative and incremental software development.
* Experience in installing, upgrading, and configuring MS BI pack.
* Conversant with all phase of Software Development Life Cycle (SDLC) involving Systems Analysis, Design, Development and Implementation.
* Good knowledge in database and Data warehousing concepts.
* Excellent skills in creating SQL objects including Tables, Stored Procedures, Views, Indexes, Cursors, DDL/DML Triggers, Temporary tables, User Defined Data types (UDF) and Functions.
* Extensively used ETL methodology for performing Data Migration, Extraction, Transformation and Loading using SSIS and designed data conversions from wide variety of source system.
* Experience in migration of data from Excel, Flat file, and Oracle to MS SQL Server by using MSSQL Server DTS and SSIS.
* Worked on OLAP Data warehouses, modeling, design, and cube development including KPIs, working with slowly changing dimensions.
* Experienced in creating Perspectives, Partitions, Roles and Groups, Design Aggregations, Key Performance Indicators (KPIs) in cubes, working with Multidimensional Expressions (MDX) using SSAS.
* Developed various business reports. Reports are provided in PDF-format, HTML-format, and can be printed directly to the specified printer.
* Developed dashboard reports using SQL Server Reporting Services (SSRS), Report Model, and ad-hoc reporting using Report Builder.
* Worked extensively in developing DTS packages in SQL server 2000
* Experience in defining Query for generating Cross-Tab, Conditional, Drill-down, and Sub reports.
* Experienced in writing scripts for Automation Testing on QTP and Selenium.
* Provided 24x7 production support to Batch, continuous flow process for daily, monthly, and weekly job schedule

**TECHNICAL SKILLS:**

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| --- | --- |
| **RDBMS** | MS SQL server 2005/2008/2008R2/2012, MS Access. |
| **SQL Server Tools** | SQL Server Management Studio, BIDS (SSIS, SSAS, SSRS), SQL Server Query Analyzer, DBCC, BCP, SQL Server profiler. |
| **BI Tools** | SSIS, SSRS, SSAS, DTS |
| **Languages** | VB Script, T-SQL, HTML, XML, Java Script, C, C++, MDX |
| **Operating System** | Windows 95/2000/2003/XP/VISTA, Windows NT/LINUX, UNIX |
| **Tools** | ERWIN, MS Visio, Power View, QTP, Selenium |

**PROFESSIONAL EXPERIENCE:**

# CGI, Dallas, TX 04/2017 – Till date

# Sr. SQL Server Designer/Developer

# Responsibilities:

* Designed ETL packages and Work flows with different data sources (SQL Server, Flat 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).
* Extensively worked on the packages created including a variety of transformations, for

example Slowly Changing Dimensions, Lookup, Aggregate, Audit, Conditional Split,

* Merge join, Multi Cast, Pivot, OLE DB Command, Sort, Union All, and Copy Column,
* Derived Column using SSIS.
* Coordinate with Interface Design Architects for meeting accessibility standards at code level.
* Created reusable templates and style sheets based on **UI standards** and guidelines; Performed functional tasks using specifications and wireframes.
* Developed and implemented **Python scripts** to automate retrieval, parsing and reporting of configuration parameters from Network Devices connected to customer networks.
* Modified controlling databases using SQL generated via Python and Perl code, collected, and analyzed data with**Python** programs using SQL queries from the database of data collected from the systems under tests.
* Created Stored Procedures, User Defined functions, Views and implemented the Error

Handling in the Stored Procedures and SQL objects and Modified already existing stored

procedures, triggers, views, indexes depending on the requirement.

* Wrote complex SQL queries using joins, sub queries and correlated sub queries to retrieve data from the database which should be displayed in various forms.
* Developed MS Excel dashboards for executive data management presentations of procurement and supply chain metrics and KPIs.
* Wrote **Python scripts** to parse JSON documents and load the data in database.
* Generated Sub-Reports, drill down reports, drill through reports, Tabular Report, Crystal, and Parameterized reports using SSRS.
* Configured SQL mail agent for sending automatic emails when SSIS package fails or succeeds.
* Successfully deployed SSIS Package into Production and used Package configuration to export various package properties to make package environment independent.
* Good experience with web service task and FTP and SFTP task using SSIS.
* Modified OLAP Cubes to add Dimensions, Creating User Defined Hierarchy, created new calculated members using MDX and DAX Expression as per the business requirement.
* Administered user, user groups, and scheduled instances for reports in Tableau.
* Designed cubes with star schema using SQL Server Analysis Services (SSAS).

**Environment:** SQL Server 2008R2/2012 Enterprise Edition, SQL Server Business Intelligence Development Studio (SSAS, SSIS, SSRS), SQL Server Data Tools 2016, MS SQL Profiler, Sybase, SVN, Power BI, Teradata, UNIX, Python, SQL Query Analyzer, Red Gate, DAX, SQL Server Index Tuning Wizard, SSD, BRD, Visual Studio 2010, Windows XP, MS Office 2007/2013, MS Access, Excel.

# PayPal, San Jose, CA 10/2015 – 04/2017

# Sr. SQL Server Designer/Developer

**Responsibilities:**

* Designed 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 different kinds of transformations using SQL Server Integration Services (SSIS).
* Responsible for Migrating the SSIS packages from 2005 to 2008
* Wrote complex SQL queries using joins, sub queries and correlated sub queries to retrieve data from the database which has to be displayed in various forms.
* Built various graphs for business decision making using**Python** matplotlib library.
* Created various database objects such as tables, indexes and views based on the requirements.
* Designed and implemented BCP, DTS, SSIS packages for data extraction, transformation and loading.
* installing, configuring and administering of different **Unix** Flavors like Linux (Red hat 4.x, 5.x), Solaris in physical and virtual environments.
* Tuned several slow running queries in Production. Implemented Indexes and re-indexed to achieve time performance.
* Created Stored Procedures, User Defined functions, Views and implemented the Error Handling in the Stored Procedures and SQL objects and also Modified already existing stored procedures, triggers, views, indexes depending on the requirement.
* Configured Checkpoints on SSIS packages so that the package would restart from the point of failure.
* Configured SQL mail agent for sending automatic emails when SSIS package fails or succeeds.
* Successfully deployed SSIS Package into Production and used Package configuration to export various package properties to make package environment independent.
* Created jobs using SQL Server Agent and scheduled them to execute the SSIS Packages on a predefined time interval by the business.
* Created C#.Net Script for Data Flow and Error Handling using Script component in SSIS.
* Extensively used Execute SQL Task, Data flow Task, Look up, Script logic component, Union All etc in SSIS packages.
* Used the SSIS Configuration files to make the packages connections, variables etc. configurable and maintained the same on Test and Production environments.
* Generated Sub-Reports, drill down reports, drill through reports, Tabular Report and Parameterized reports using SSRS.
* Involved in the implementation of Performance Point Server (PPS).
* Developed various forms of outputs like RTF, HTML, PDF files using SAS ODS facility.
* Modified OLAP Cubes to add Dimensions, Creating User Defined Hierarchy, created new calculated members using MDX Expression as per the business requirement.
* Worked on Migrating from SQL Server 2008R2 to SQL Server 2012.

**Environment:** SQL Server 2008R2/2012 Enterprise Edition, SQL Server Business Intelligence Development Studio (SSAS, SSIS, SSRS), SQL Server Data Tools 2010, MS SQL Profiler, Python, UNIX, SQL Query Analyzer, SQL Server Index Tuning Wizard, Visual Studio 2010, Windows XP, MS Office 2007/2013, MS Access.

# Celgene Corporation, Summit, NJ 10/2013 – 09/2015

# SQL Server Developer

**Responsibilities:**

* Modified the existing stored procedures to get the new functionality depending on the client requirement.
* Created many tables with the clusters and non-clustered indexes on columns.
* Created various database objects such as tables, indexes and views based on requirement.
* Created daily, weekly, monthly reports for various categories and hierarchies based on business needs using SSRS
* Redesigned pages to improve application design and **UI** to attract the customers by taking inputs from senior management.
* Create reports such as parameterized, cascading, Drill through/Drill down reports, charts and specialized in producing sub reports using relational data warehouse and OLAP cubes.
* Created and Published Reports using Report Builder, Report Designer and Report Manager.
* Created many SSRS reports with lots of metrics on it using row grouping and column grouping
* Created table valued functions and used in the report stored procedures on the fly Studied existing OLAP system(s) and created facts, dimensions and star schema representation for the data mart and warehouse systems.
* Involved in planning and designing SSAS 2012 Cubes and building attribute relationships for optimal MDX query performance of Hierarchies and Fact Dimensions.
* Involved in Staging Partitions and Usage Based Optimization mechanisms for SSAS and OLAP databases.
* Involved in analysis of Report design requirements and actively participated and interacted with Project Lead, Technical Manager and Lead Business Analyst to understand the Business requirements.
* Developed Drill-down/thru, sub-reports, linked and Dashboard reports using SSRS
* Involved in Designing and deploying cubes in SSAS environment using Snowflake and Star Schema Designs for the operational data
* Created Sub-Reports, Drilldown-Reports, Summary Reports, and Parameterized Reports in SSRS.
* Involved in Processing QNXT Healthcare Claims
* Worked on the summary of clinical data like Demographic, Adverse Events, Serious Adverse Events, and Related Adverse Events leading to Discontinuation.

**Environment:** SQL server 2012, SQL server Management studio, SQL server integration services (SSIS), SQL server reporting services (SSRS), Python, Teradata, UNIX, SQL server Analysis services (SSAS), SQL server profiler, Microsoft visual studio 2010, Team Foundation server (TFS)

# Xcel Energy, [Minneapolis, MN](https://www.google.co.in/search?biw=1366&bih=643&q=Minneapolis&stick=H4sIAAAAAAAAAOPgE-LUz9U3MDWrKipWAjPTCqrK07S0spOt9POL0hPzMqsSSzLz81A4VhmpiSmFpYlFJalFxQAeKThpRAAAAA&sa=X&sqi=2&ved=0ahUKEwiTzNnrzuvKAhVBwo4KHfwHDJEQmxMIigEoATAX) 05/2012 – 08/2013

# SQL/BI Developer

**Responsibilities:**

* Worked closely with the business Analyst for understanding the requirement and also involved in planning and designing data based on business requirements.
* Wrote complex SQL queries using joins, sub queries and correlated sub queries to retrieve data from the database.
* Designed and developed SSIS packages using different control flow tasks, Transformations and dataflow tasks
* 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 different kinds of transformations using SQL Server Integration Services (SSIS).
* Created and deployed SSIS packages for ETL from OLTP and various sources to staging and staging to Data warehouse using Lookup, Fuzzy Lookup, Derived Columns, Condition Split, Slowly Changing Dimension, Data Conversion, OLE DB command, Union All, Flat file Source, Flat file Destination, Conditional Split and more. Performed ETL mappings using MS SQL Server Integration Services.
* Using Checkpoints in packages to enable the package to run from the point of failure.
* Created package dependencies by calling Child packages within Parent.
* Configured SQL mail agent for sending automatic emails when SSIS packages are failed or succeed.
* Successfully deployed SSIS Package into Production and used Package configuration to export various package properties to make package environment independent.
* Extensively worked on designing reports using SQL Server Reporting Services (SSRS). Developed Reports, Sub Reports, Data driven subscriptions, drill down reports using various features like Charts, graphs, filters etc.
* Generated SSRS Report through SSIS Package using script component as per business requirement.
* Successfully tested all task in staging and stored all versions of data using team foundation server (TFS).
* Created jobs using SQL Server Agent and scheduled them to execute the SSIS Packages on a predefined time interval by the business.
* Constructed Cubes based on data volumes mostly adhering to Star Schema.
* Documented all the project work in support for maintenance.

**Environment:** SQL Server 2008/2008R2 Enterprise Edition, SQL Server Business Intelligence Development Studio (SSAS, SSIS, SSRS), MS SQL Profiler, SQL Query Analyzer, SQL Server Index Tuning Wizard, Visual Studio 2008, Windows XP, MS Office 2003/2007, MS Access.

# Mattress Firm, Huston, TX 03/2011 – 04/2012

# SQL Server Developer

**Responsibilities:**

* Involved in Data mapping, logical data modeling, created ER diagrams and used SQL queries to filter data within the database.
* Actively involved as part of a team for gathering and analyzing the needs of end User Requirement and System Specification.
* Developed SQL Queries to fetch complex data from different tables in remote databases using joins, database links and formatted the results into reports and kept logs.
* Developed, modified, and optimized complex stored procedures, triggers to handle complex business rules, history data and audit analysis.
* Designed index, statistics and optimized queries by using execution plan for performance tuning of the database.
* Created complex ETL strategies to extract, clean and deliver data to OLAP environment.
* Used SSRS Reports to write complex formulas and to query the database to generate different types of ad-hoc reports for Business Intelligence.
* Created Sub-Reports, ad-hoc reports, Drilldown-Reports, Summary reports, and Cross Tab reports.
* Formatted the report layout for the requirement of the end users and deploy the developed reports on to the server for the end users, Documented and maintained history of changes for future reference.
* Designed cubes with star schema using SQL Server Analysis Services (SSAS).
* Created complex SSAS cubes to support business reporting with multiple fact measures groups, and multiple dimension hierarchies based on the OLAP reporting needs.
* Worked on analyzing and Performance tuning queries by looking at the Indexes, appropriate joins, Query Statistics and Execution plans using SQL Profiler/Query Analyzer/SSMS.

**Environment:** SQL Server 2008 Enterprise Edition, SQL Server Business Intelligence Development Studio (SSAS, SSIS, SSRS), Microsoft Office Share Point Server, XML and Windows Server 2003.

# App soft solutions, Pune, Maharashtra 03/2010 – 02/2011

# SQL Server Developer

**Responsibilities:**

* Actively participated in gathering Business Requirements that are focused on providing a user friendly System usage or ambience.
* Created new database logically and physically designed to fit new business requirements.
* Created various database objects Tables, Indexes, Views, SQL Joins and Triggers
* Writing T-SQL queries, Views, Stored Procedures and User Defined Functions.
* Filtered bad data from legacy system using complex T-SQL statements, implemented various constraints, and triggers for data consistency.
* Used DBCC Utilities for Performance Tuning, Query Optimization and Client Server Connectivity & Database consistency checks.
* Planned the complete backup (with the suitable recovery model) of various Databases.
* Creates technical specifications, test plans and test data to support ETL processes
* Customers Insurance Policies were formatted for creating reports that are deliverable to the policy holders and the manager.
* Developed different types of tabular reports, matrix reports, chart and graphs, reports that aggregate data using SQL Server Reporting Services.
* Worked with report parameters and performed Parameterized and cascading parameterized reports using SSRS.
* Created OLAP cubes using KPI’s for analyzing financial trends before and after company mergers and also created calculated members using MDX.

**Environment:** MS SQL Server 2005/2008, T-SQL, SSIS, SSAS, SSRS, Business Intelligence Development studio, Erwin, Windows 2003, Visual Studio.

**Education:**

Bachelor’s in Information Technology in JNTU, INDIA.