**Sandeep Gundelli**

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**302-513-3609**

**SSIS/Informatica/SQL Developer**

## **PROFESSIONAL SUMMARY:**

* **8** years of experience in Project Design, Analysis, Development & Management using **Microsoft SQL 2005/2008/2008R2/2012/2014 and 2016.** Good team player, strong interpersonal and communication skills combined with self-motivation, initiative and worked in a technically challenging environment.
* Expert in Microsoft Business Intelligence technologies like **MS SQL Server Integration Services (SSIS),** **MS SQL Server Reporting Services (SSRS)** and **SSAS** of MS SQL server 2005/2008/2008R2/2012.
* Good experience with **Agile Environment** like daily meetings, project activities tracking, attending business user meetings.
* Extensive experience in Tableau Desktop, Tableau Server, and Tableau Reader in various versions of **Tableau 6.x/7.x/8.x/9.x**
* Experience in creating **Informatica mappings** in uploading the Data files into the Staging tables and then finally into Data Warehouse system.
* Experienced in Data Modeling using designed tool Erwin, Oracle SQL Developer, **Sybase, Teradata** SQL Server Management studio, My SQL, DB2, SQL Plus and **Toad**.
* Extensively worked on data extraction, Transformation and loading data from various sources like DB2, SQL Server, Oracle, **Teradata**, Sybase, and Flat file.
* Excellent skills in creating **T-SQL** objects like **Tables, Stored Procedures, Views, Indexes, Cursors,** DDL/DML Triggers**,** Temporary tables, User Defined Data types (UDF) and **Functions**.
* Experience in defining Query for generating **drill down** and **crystal** reports in SSRS.
* Conversant with all phase of **Software Development Life Cycle** (SDLC) involving Systems Analysis, Design, Development, and Implementation.
* Proficient in writing complex T-SQL queries using **Inner, Left, Right, Outer** and **Cross Joins.**
* Experience in **migration of Data** from Excel, Flat file, Oracle to MS SQL Server by using **MS** **SQL Server DTS and SSIS**.
* Implemented action filters, parameters, calculated filed and set for preparing dashboards and worksheets in **Tableau.**
* Created **Tableau** scorecards, dashboards using Stack bars, bar graphs, scattered plots, geographical maps, Gantt charts using show me functionality.
* 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.
* Experience in defining Query for generating **Cross-Tab,** **Crystal, 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 2005/2008/2008R2/2012/2014/2016, MS Access, MS Excel. |
| **SQL Server Tools** | SQL Server Management Studio(SSMS), BRDS (SSIS, SSAS, SSRS), SQL Server Query Analyzer, Red Gate, SQL Server profiler. |
| **BI Tools** | SSIS, SSRS, SSAS, DTS, TFS, Tableau, DB2, TOAD, Azure, and Sybase |
| **Languages** | VB Script, T-SQL, HTML, XML, BRDS, .RDL, Java Script, C, C++, C#, MDX and DAX |
| **Operating System** | Windows 95/2000/2003/XP/VISTA, Windows NT/LINUX |
| **Tools** | ERWIN, SVN, GIT, MS Visio, Power BI View, Power Pivot, QTP, Selenium. |

**PROFESSIONAL EXPERIENCE:**

**CGI, Dallas, TX 03/2017 – till date**

**Sr. SSIS/ETL 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.
* As a Senior SQL Developer, worked on multiple production applications independently and
* as part of a team using **Agile Methodologies**.
* Developed complex report in both SSRS and **Crystal Reports** based on the requirements
* provided and going through multiple discussions with the Team.
* Participated in Data Migrations between **Production & DR systems**.
* Participated in On-call and weekend support responsibilities.
* Worked with **Informatica** team and Business Objects team in testing their connection to **Teradata**.
* Created new ETL, Analyst, Reporting, DBA, Architect roles and profiles.
* Created access matrix for management purpose, to track rights for different profiles through different roles.
* Involved in Data Migrations between **Teradata**, MS SQL Server, DB2 and Oracle.
* Programming experience in **Teradata**SQL, Stored Procedures, Macros and Triggers.
* Extensively used Execute SQL Task, Data flow Task, Look up, Script logic component, Union All etc. in SSIS.
* Good experience with web service task and **FTP & SFTP** task using SSIS.
* 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 Scriptfor Data Flow & Control Flow Error Handling using Script component in SSIS.
* Responsible for Migrating the SSIS packages from 2005 to 2008.
* Worked on Migrating from SQL Server 2008R2 to SQL Server 2012
* 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.
* 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.
* Tuned several slow running queries in Production. Implemented Indexes and re-indexed to achieve time performance.
* 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.

**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, Informatica, 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.**

**Celgene Health Care Corporation, Summit, NJ 10/2016 – 03/2017**

**Sr. ETL developer,**

**Responsibilities:**

* Modified the existing stored procedures to get the new functionality depending on the client requirement.
* Involved in creating **Informatica mappings** in uploading the Data files into the Staging tables and then finally into Data Warehouse system.
* Made substantial contributions in simplifying the development and maintenance of ETL by creating re-usable Source, Target and Transformation objects.
* Extracted data from Flat files, AS400 sources and loaded in to Oracle staging and target tables applying business rules as per the requirement
* Developed Complex mappings to feed Data warehouse & Data marts by extensively using **Informatica Mappings**, Mapplets, and Transformations like Lookup, Filter, Router, Expression, Aggregator, Joiner, Stored Procedure and Update Strategy
* Created Informatica mappings with PL/SQL Procedures / Functions/triggers to build business rules to load data
* Created many tables with the clusters and non-clustered indexes on columns.
* Hands on experience on **Informatica** Data Quality tool.
* Performed Unit Testing and System Integration Testing of **Informatica Mappings** and created Test cases.
* Design work for specific EDI Mapping Projects, Mapping and Implementing message translations for connecting trading partners to each other and to the applications
* 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 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 & DAX query performance of Hierarchies and Fact Dimensions.
* Involved in Staging Partitions and Usage Based Optimization mechanisms for SSAS and OLAP databases.
* Created Sub-Reports, Drilldown-Reports, Summary Reports, and Parameterized Reports in SSRS.
* Worked on the summary of clinical data like Demographic, Adverse Events, Serious Adverse Events, and Related Adverse Events leading to Discontinuation.

**Environment: SQL server 2012/2016, SQL server Management studio(SSMS), SQL server integration services (SSIS),** **Informatica Power Center 8.6.1, TOAD, Oracle 11g, UNIX, PL/SQL, SQL Server, Quality Center**

**Xcel Energy, Minneapolis, Minnesota 05/2015 – 10/2016**

**Sr. SQL/ETL Developer,**

**Responsibilities:**

* Involved in the Extraction, Transformation and Loading source files from the data warehouse on **Teradata**.
* Exported data from source to flat files using Fast Export.
* Developed Informatica mappings and tuned them for better performance.
* Involved in design and creation of Fact tables and Dimensions
* Involved in loading of data into Teradata from legacy systems and flat files using complex MultiLoad scripts and Fast Load scripts.
* Worked closely with the business Analyst for understanding the requirement and involved in
* Published views and dashboards in Tableau Server for auditor review.
* Implemented validations to merge data from different sources like Excel, SQL etc.
* Written Excel-VBA code for several activities to place milestones and connect milestones depending on several business rules.
* Experience in writing DAX in MS Power BI Desktop.
* Experience in creating calculated measures and columns with DAX in MS Power BI Desktop
* Integrated Excel with Azure SQL Server to fetch data and load into the visual that's used by stakeholders.
* Created and scheduled SSIS packages to pull data from SQL Server database and export the data to various data sources like excel spreadsheets, flat file etc. and vice versa.
* 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.
* Designed and developed the web application in ASP.NET2.0, C#.
* 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, SSD, BRD, MS SQL Profiler, SQL Query Analyzer, TOAD, SVN, Red Gate, ASP.NET, Teradata, Informatica Power Center 8.6., Teradata V2R12, Teradata SQL Assistant, Teradata Manager, Quality Center, Windows 2000, Shell scripts.**

**Mattress Firm, Huston, TX 11/2014 – 04/2015**

**SQL server Developer**

**Responsibilities:**

* Involved in Data mapping, logical data modeling, created ER diagrams and used SQL queries to filter data within the database.
* Build Tabular, line charts, Graph charts visuals for Marketing KPI's metrics based on fields brought in and transform using **Power Query** functions and DAX calculated Measures
* 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.
* Used SVN for version control, used Web services - REST for SQL Performance Tuning.
* 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), TFS, Red Gate, SVN, TOAD, Sybase, Microsoft Office Share Point Server, XML,ASP.NET and Windows Server 2003.**

**App soft solutions, Pune, Maharashtra 03/2012 – 10/2014**

**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**, **crystal** 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 created calculated members using MDX and DAX.

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

**Techno soft Inc., Hyderabad, India 05/2009 – 03/2012**

**Jr. SQL Developer**

**Responsibilities:**

* Actively participated in gathering of User Requirement and System Specification.
* Filtered bad data using complex T-SQL statements, and implemented various constraint and triggers for data consistency
* Created views to facilitate easy user interface implementation, and triggers on them to facilitate Consistency Data entry into the database.
* Experience in using configuration Management Tool SVN.
* Created reports from database onto excel spread sheet using DTS.
* Wrote complex stored procedures to process employee requirement and generating records between front End and back end.
* Created Database Maintenance Plans for the Performance of SQL Server, which covers Database Integrity
* Experience in Data Modeling using Erwin Design Tool
* Created Users and Roles, and managed security and permission of database.
* Managed and resolved design issues during development
* Worked to establish connectivity between VB applications and MS SQL server by using ODBC

**Environment: T-SQL, MS SQL Server 2000, SSMS, Excel, DTS, Erwin, Windows NT server, VB, Visual Basic.Net, Excel.**

**Education:**

Bachelor’s in **Information Technology** in JNTU, INDIA.