**Sandeep Gundelli**

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**302-513-3609**

**SSIS/SSRS/SSAS/Power BI Developer**

P**ROFESSIONAL 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 andworked in a technically challenging environment.
* Expert in Microsoft Business Intelligence technologies like **MS SQL ServerIntegration Services (SSIS),MS SQL Server Reporting Services (SSRS)**and**SSAS**of MS SQL server 2005/2008/2008R2/2012.
* Proficient in database modelling for OLTP, Data Marts, **Operational Data Store** (ODS) and OLAP.
* Technical Approach (Architecture and Design) and Azure solution implementation
* Proficient in writing complex T-SQL queries using **Inner, Left, Right, Outer** and
* **Cr**oss Joins.
* Designed and developed Data Access Layer (DAL), Business Logic layers (BLL) and other components in C# & VB.NET and in implementing Business Processes.
* Involved in Designing and Building of OLAP dimensions and cubes using SSAS.
* 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.
* Good knowledge in **database** and **Data warehousing concepts.**
* Excellent skills in creating SQL objects like **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, Oracle to MS SQL Server by using **MSSQL Server DTS and SSIS**.
* Worked **on OLAP Data warehouses**, Modeling, Design, **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)& DAX using SSAS.
* 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 (MSS) 2005/2008/2008R2/2012, MS Access. |
| **SQL Server Tools** | SQL Server Management Studio, BRDS (SSIS, SSAS, SSRS), SQL Server Query Analyzer, SQL Azure, BCP, SQL Server profiler. |
| **BI Tools** | SSIS, SSRS, SSAS, DTS, TFS, Tableau, TOAD, Azure and SQL |
| **Languages** | VB Script, T-SQL, HTML, XML, BRDS, Java Script, C, C++, C#,MDX and DAX |
| **Operating System** | Windows 95/2000/2003/XP/VISTA, Windows NT/LINUX |
| **Tools** | ERWIN, MS Visio, Power BIView, QTP, Selenium |

**PROFESSIONAL EXPERIENCE:**

# PayPal, San Jose, CA

# Sr. SQL Server developer, 10/2015 – till date

**Responsibilities:**

* Designed ETLpackages 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.**
* Implementation and Integration of Windows Azure Virtual Network with on premise AD and ASP .Net applications
* Created Data Access Layer, BLL Business Logic Layer Classes using **C#**.
* Migration of SQL Server database to SQL Azure
* 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.
* Generated Sub-Reports, **drill down** reports, **drill through** reports, **Tabular** Report, **Crystal,**and **Parameterized** reports using **SSRS**.
* Experienced in creating **Perspectives**, **Partitions**, Roles and Groups, Design Aggregations, **Key Performance Indicators (KPIs)** in cubes, working with Multidimensional Expressions (MDX) and DAX using **SSAS.**
* Design Percentage, Month over Month, and Year over Year measures after importing data into **Power BI** desktop using DAX and Power Query functions. Slice measure in **Power BI** tile using calculated Dimension fields in Power BI
* Administered user, user groups, and scheduled instances for reports in **Tableau**.
* Responsible for building **Power BI** Dashboards for 3M Digital Marketing team using Tabular and Multi-Dimensional Models. Design and model data sets with Power BI desktop based on measure and dimension requested by customer and dashboard needs.
* Designed cubes with star schema using SQL Server Analysis Services (**SSAS**).
* Created various database **business objects** such as tables, indexes and views based on the requirements.
* 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 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.
* Lead creation BRD of Software Architect Document (SAD), Technical Design Document (TDD),
* 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.
* 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**and DAX 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, SQL Azure, Power BI, SQL Query Analyzer, DAX, SQL Server Index Tuning Wizard, SSD, BRD, Visual Studio 2010, Windows XP, MS Office 2007/2013, MS Access.**

# Celgene Corporation, Summit, NJ

# Sr. SQL Server developer, 10/2013 – 09/2015

**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.
* Configured and Tested Medicaid/Medicare Contracts, Benefits, and Claim modules in **QNXTsystem**daily, and other multiple modules such as, Sponsors, Carriers/Programs and Reference table modules as needed.
* Import Data into Power BI using different ETL methods, SQL Azure, Direct Query, Restful API Generator, build relational model with in **Power BI** to generate Marketing Campaigns metrics related to landing pages, Email Analysis, and Visitors. Slice data by Month, Campaigns, and Area dimensions.
* 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.
* Development and Unit Testing of Azure modules
* 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**
* Create reports such as **parameterized, cascading, Drill through/Drill downreports**, 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.
* Developed Drill-down/thru, sub-reports, linked and Dashboard reports using **SSRS**
* Involved in Designing and deploying cubes in SSAS environment using**data modeling tools** like 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), Tableau, SQL server reporting services (SSRS),Power BI, SQL server Analysis services (SSAS), C#,SQL Azure, SQL server profiler, Microsoft visual studio 2010, Team Foundation server (TFS)**

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

# Sr. SQL/BI Developer, 05/2012 – 08/2013

**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.
* Developed ETLpackages 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.
* 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 (SSAS, SSIS, SSRS), SSD,BRD,MS SQL Profiler, SQL Query Analyzer, Azure, SQL Server Index Tuning Wizard, Visual Studio 2008, Windows XP, MS Office 2003/2007, MS Access.**

# Mattress Firm, Huston, TX

# SQL server Developer, 03/2011 – 04/2012

**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.
* 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, Microsoft Office Share Point Server, XML, and Windows Server 2003.**

# App soft solutions, Pune, Maharashtra

# SQL Server Developer 03/2010 – 02/2011

**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, Windows 2003, Visual Studio.**

# Techno soft Inc., Hyderabad, India

# SQL Server Developer 09/2008 – 10/2009

**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.
* 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, DTS, Erwin, Windows NT server, VB, Visual Basic.net**

**Education:**

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