**SUJITH REDDY**

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**PROFESSIONAL SUMMARY:**

* Over 8+ years of extensive experience in **Microsoft BI tools (SSIS, SSRS, and SSAS)** and extensively worked on **SQL Server** 2005/2008/2008R2/2012/2014 Versions.
* Involved in various phases of the Software Development Life Cycle (SDLC), including Analysis, Design, Testing, Implementation, and Maintenance.
* Experience and Familiarity working with **Agile** and **Scrum** methodologies.
* Extensive experience in Design, Development, Implementation & Administration of Database systems using **MSSQL 2005/2008/2012** for Batch Processing using **DDL, DML, and DCL commands** for various business applications and **Data Warehousing Systems (SSRS, SSIS, and SSAS).**
* Proficient in writing and tuning SQL queries and improving query performance, working on **DTS, Data Cleansing, and Data Migration.**
* Expertise in creating/modifying Tables, Views, Triggers, Joins, cursors, User Functions, Indexes, user profiles, relational database models, data dictionaries, Stored Procedures, and in-depth knowledge query optimization & performance tuning.
* Experience in database programming in writing **T-SQL Stored Procedures, Triggers, Constraints (Primary Key, Foreign Key, and Unique) Indexes, and Batch Scripts** using various DDL and DML commands.
* Very strong in writing SQL Joins, Nested Queries, Unions, and Multi-table join, and experience creating scheduling Jobs and sending Alerts.
* Experienced in creating **SSIS packages** involving ETL process, extracting data from various sources (Flat files, Excel files, Oracle, SAP, and SQL Server), and loading for data warehousing using **SQL Server Integration Services**.
* Experience creating Jobs and Sending Alerts using SQL Mail, backups, performance issues, database connectivity, upgrade strategies, and capacity planning.
* Expertise in EDI transactions used in **healthcare** industry**.**
* Experience in Healthcare industry including Enrollment, Benefits, Claims, Medicare, and implementation of HIPAA key EDI (ANSI X12) transactions.
* Designed and implemented SQL queries and stored procedures to extract and analyze data from the QNXT system.
* Having good hands on experience in building RPM's and compiling the Linux kernel for different builds.
* Experience developing management reports using **SSRS (SQL Serving Reporting Tools).**
* Strong experience creating **Ad Hoc Reports,** parameterized Reports, Linked Reports, Snapshot Reports, Drilldown, and Drill through reports using SQL SSRS.
* Experience migrating **DTS packages**, reports, and analysis services projects from **SQL Server 2005 to SQL Server 2008R2, 2012, and 2014.**
* Extensive experience in different types of reports, including **Tabular forms, Matrix (cross Tab report) forms, Conditional, List items, Charts, and Sub reports.** Excellent experience in writing expressions in SSRS.
* Wide experience creating **OLAP cubes**, identifying dimensions, attributes, hierarchies, and calculating measures and dimension members in **SQL Server Analysis Services (SSAS).**
* Worked on **Data Marts, Data Warehousing**, Operational Data Store (ODS), OLAP, **Star Schema Modeling, Snow-Flake Modeling, and Fact and Dimensions** Tables using MS Analysis Services.
* Expert in Tabular Modeling, Multi-Dimensional Cubes, **DAX,** and **MDX** (SSAS). Experience in working with large databases in SQL, Oracle, and Teradata
* Expert in Tabular editor 2 with DAX studio and tabular editor 3.
* Worked on **GIT, Team Foundation Server, Visual Studio online,** and associated application lifecycle tools.
* Good Experience and knowledge of cloud computing, such as **Azure.**
* Experience working with Azure services such as **Azure Storage, Azure Lake Storage, Azure SQL Database, and Azure Data Factory.**
* Collaborated with Azure data engineers and operation team to implement the ETL process using **Azure Data Factory,** wrote and optimized **SQL queries** to perform data extraction to fit the analytical requirements.
* Performed data cleaning, including transforming variables and dealing with missing values, and ensure data quality, consistency, and integrity using **ADF.**

**TECHNICAL SKILLS:**

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| --- | --- |
| Operating System | Windows 98 /2003/NT/XP/7, MS-DOS |
| Languages | T-SQL, PL/SQL, Teradata, DAX, M-Language, VB scripts, C, C#, and UNIX Shell Script |
| Database Tools | SQL Server Management Studio (SSMS), SQL Profiler, Upgrade Wizard, Database Engine Tuning Advisor, Business Intelligence Development Studio  (BIDS), SQL Server Data Tools (SSDT), SQL Server Analysis Services (SSAS), Enterprise Manager, Query Analyzer, |
| Reporting Tools | SQL Server Reporting Services (SSRS) 2010/2012/2017, Tableau, Power BI |
| ETL Tools | SQL Server Integration Services (SSIS), Data Transformation Services (DTS),  BCP, ADF (Azure Data Factory) |
| DATABASES | MS Access, MS SQL Server 2008 R2/2012/2014/2018 |
| Applications | XML, Visual Studio IDE, MS Visual Studio 2010/2012/2017, MS Office 2003/2007/2010 |
| Data Modeling | MS Excel, Erwin Tool |
| Web Technologies | HTML, XML, Web Services, JASON, XML |

**PROFESSIONAL EXPERIENCE:**

**Optum, MA**

**SQL/ Power BI Developer April ’21 -Till Now**

* Collaborated with senior management, subject matter experts, and IT teams to define business requirements.
* Transformed business requirements into functional and non-functional requirements.
* Organized business data into cloud services.
* Migrated on-premises data to Azure Storage/Azure Lake Storage.
* Implemented Azure Services along with data engineers.
* Cleansed and normalized data using ADF (Azure Data Factory).
* Implemented ETL, Pipelines, data flows, and transformation in Azure Data Factory.
* Connected with Azure SQL and Azure Lake Storage to enhance power bi reports.
* Designed and developed Power BI graphical and visualization solutions with business requirement documents and plans for creating interactive dashboards.
* Utilized Power BI (Power View) to create analytical dashboards that depict critical KPIs such as legal case matters, billing hours, and case proceedings, along with slicers and dicers enabling end-user to make filters.
* Developed complex reports like Drill Down, Drill through, and Cross tab reports.
* Utilized Power BI gateway to keep dashboards and reports up to date with on-premises data sources.
* Developed Stored Procedures, functions, and database triggers, maintained referential integrity, and implemented complex business logic.
* Implemented and executed SQL Server Integration Service packages to populate data from various data sources. Developed packages for different data-loading operations for many applications.
* Created SSIS Packages using SSIS Designer for exporting heterogeneous data from OLE DB Source,

Excel Spreadsheet to SQL Server

* Involved in creating Named Queries in Data Source View, creating new Dimensions, Modifying Dimensions to add new Hierarchies, and other stuff in SSAS.
* ETL packages dealing with different data sources were designed (SQL Server, Flat Files, XML, JSON, etc.) and loaded the data into target data sources by performing various transformations using SQL Server Integration Services (SSIS).
* Familiarity with XML-related technologies such as DOM (Document Object Model) and SAX (Simple API for XML) for parsing and manipulating XML documents in different programming languages.
* In-depth understanding of XML schema design and validation using XSD, ensuring data integrity and adherence to defined data structures.
* Hands-on experience in creating and optimizing XSLT stylesheets for transforming XML data into different output formats such as HTML, PDF, and CSV.
* Used SQL Profiler to troubleshoot, monitor, and optimize SQL Server, non-production database, and T-SQL code from developers and QA.

**Environment:** ADF, SSMS, Power BI, GitHub, SQL Server Integration Services (SSIS), T-SQL, SQL Server Analysis Services (SSAS) 2014/2010

**Nicholas and Company, Salt Lake City Jan’19-March’21**

**Database Developer**

* Created complex stored procedures, Triggers, and user-defined functions using complex joins and T-SQL to support OLTP Applications and Enterprise Data warehouse.
* Used NZSQL and NZLOAD scripts for day-to-day loading and migration activities.
* Worked extensively through agile development methodology by dividing the application into iterations.
* Experience with stored procedure-driven reports, building a custom application on reports, formula writing/editing in reports, Report Administration, and performance tuning of reports. Used Query Analyzer to optimize SQL Queries.
* Worked on ETL(DataStage) jobs from Source to Target with VBA and SQL programming.
* Responsible for On Call monthly, providing production support during deployments.
* Implementing and managing Event Handlers, Package Configurations, Logging, System and User-defined Variables, Check Points, and Expressions for SSIS/ETL Packages.
* Excellent knowledge of Scheduling Jobs and Alerts using SQL Server Agent to automate the periodic loads.
* Designed and developed various SSIS ETL packages to extract and transform data and was involved in Scheduling SSIS Packages.
* Extensively used SSIS Import/Export Wizard for performing the ETL operations.
* Created reports utilizing SSRS, Excel services, and Power BI and deployed them on SharePoint Server as per business requirements With Excel and VBA.
* Made changes to the existing Power BI Dashboard regularly per Business requests. Transformed and combined the data using Query Editor in the Power BI and Published Power BI Desktop reports created in Report view to the Power BI Service.
* Created Calculated columns and measures in Power BI based on report requirements.
* Created and Configured OLAP Cubes (Star Schema and Snow Flex Schema) using SQL Server 2008r2/2012 Analysis Services (SSAS).
* Developed cubes by defining data sources and data source views and using SQL server analysis services (SSAS)
* Involved in creating Named Queries in Data Source View, creating new Dimensions, Modifying Dimensions to add new Hierarchies, and other stuff in SSAS.
* Extensively developed SSAS Cubes, Partitions, Aggregations, KPIs, and Browser perspectives. Expert in creating Star schema cubes using SSAS.
* Strong SQL experience in Teradata from developing the ETL with Complex tuned queries, including analytical functions and BTEQ scripts.
* Developed Teradata BTEQ scripts to implement the business logic and work on exporting data using Teradata Fast Export.
* Imported Metadata from Teradata tables.
* Worked on Teradata SQL Assistant querying the source/target tables to validate the BTEQ scripts.
* Troubleshoot the issues by checking sessions and workflow logs.
  + Debugged T-SQL queries for performance tuning. Ensured the ETL process was completed within the deadline and investigated various stages and reasons for delays.
  + Implemented the core business process using T-SQL, Stored Procedures, and Functions
  + Scheduled the SSIS packages to run as jobs periodically according to the requirement using SQL Server Agent
* Designed the ETL process based on the schemas (snowflake and star schema) for extraction and transformation of data from the source database and loading onto the target database.
  + Created complex SSAS cubes with multiple fact measure groups and multiple dimension hierarchies based on the OLAP Reporting needs.

**Environment:** SSMS, SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), SQL Server Analysis Services (SSAS) 2014/2010, Power BI, Alteryx, Data Lake (Impala), Netezza.

**Charles Schwab, Phoenix, AZ Dec’17-Dec’18**

**Database Developer/ ETL Developer**

* Wrote Teradata Macros and used various Teradata analytic functions.
* Used utilities of FLOAD, MLOAD, FEXP, SQL Assistant, and TPUMP of Teradata and created batch jobs using BTEQ.
* Strong SQL experience in Teradata from developing the ETL with Complex tuned queries, including analytical functions and BTEQ scripts.
* Developed Teradata BTEQ scripts to implement the business logic and work on exporting data using Teradata Fast Export.
* Imported Metadata from Teradata tables.
* Worked on Teradata SQL Assistant querying the source/target tables to validate the BTEQ scripts.
* Troubleshoot the issues by checking sessions and workflow logs.
* Developed unit testing, systems testing, and post-production verification.
* Interacted with business users and analysts to gather, understand, analyze, program, and document the requirements of the Data Warehouse.
* Used SSIS to create ETL packages to validate, extract, transform, and load data to Data Warehouse databases.
* Created SSIS packages to Export data from text /CSV files to Teradata SQL Assistant Database.
* Worked on transformations such as Checksum in SSIS, where all the rows in the table need to be compared for an update.
* Handful experience with UNIX.
* Created stored procedures and SQL queries to pull data into the power pivot model.
* Scheduled Automatic refresh and scheduling refresh in power bi service.
* Wrote calculated columns and Measures queries on the power bi desktop to show good data analysis techniques.
* Expertise in writing complex DAX functions in Power BI and Power Pivot.
* Developed and maintained multiple Power BI dashboards/reports and content packs.
* Involved in designing and publishing visually rich and intuitive Power BI dashboards.
* Experience in designing and implementing XML-based integration solutions, including XML data mapping, data transformation, and data serialization/deserialization.
* Experience in XML-related technologies such as DOM (Document Object Model) and SAX (Simple API for XML) for parsing and manipulating XML documents in different programming languages

**Environment:** Teradata, SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS),

SQL Server Analysis Services (SSAS) 2014/2010, Power BI

**Prospect Health, Orange, CA Feb’16- Nov’17**

**SQL BI Developer/SSIS/SSRS**

* Involved in gathering User Requirements and System Specifications.
* Developed Stored Procedures, functions, and database triggers, maintained referential integrity, and implemented complex business logic.
* Implemented and executed SQL Server Integration Service packages to populate data from various data sources. Developed packages for different data-loading operations for many applications.
* Created SSIS Packages using SSIS Designer for exporting heterogeneous data from OLE DB Source,

Excel Spreadsheet to SQL Server

* Transformation is done using the Informatica tool from flat files.
* Experience in developing mappings using needed Transformations using the Informatica tool.
* Have good experience with Informatica transformations like Sorter, Aggregator, Lookup, Expression, Filters, Router, Update Strategy, Joiner, and Normalizer in the Mappings.
* Migrated DTS packages to SSIS packages and modified the packages with new features of SQL SSIS.
* ETL packages dealing with different data sources were designed (SQL Server, Flat Files, XML, JSON etc.) and loaded the data into target data sources by performing various transformations using SQL Server Integration Services (SSIS).
* Created multiple reports (SSRS) in Drill mode using tables, financial tables, cross tabs, and charts.
* Design, deploy, and maintain various SSRS Reports in SQL Server.
* Created, maintained & scheduled various reports in SSRS like Ad-hoc Reports, Canned Reports, Master Reports & Parameterized Reports using SQL Server Reporting Services SSRS.
* Created customized reports using various chart types like Text Tables, Bar, Pie, Tree Maps, Heat Maps, Line Charts, Pivot Tables, and Combination Charts in Excel and Tableau.
* Migrate existing data into Power BI.
* Create reports in the Power BI preview portal utilizing the SSAS Tabular.
* Published Power BI Desktop reports created in Report view to the Power BI service.
* Transformed and combined the data using Query Editor in the Power BI
* Created Dimensions and cubes with star schema using SQL Server Analysis Services (SSAS).
* MDX queries and Data Mining Expression (DMX) queries for Analysis Services & Reporting Services were developed.
* Used SQL Profiler to troubleshoot, monitor, and optimize SQL Server, non-production database, and T-SQL code from developers and QA.
* Backing up, restoring system & other databases as per requirements, and also scheduled those backups.
* Used SQL Server Profiler to trace the slow-running queries and tried optimizing SQL queries for improved performance and availability.

**Environment:** T-SQL, MS SQL Server 2014/2012, SQL Server Integration Services (SSIS), SQL Server

Reporting Services (SSRS), SQL Server Analysis Services (SSAS) 2014/2010, Tableau, Visual Studio

2012,2013, Business Intelligence Development Studio (BIDS), Team Foundation Server (TFS), SharePoint,

MS Excel, Microsoft Windows Server 2012.

**Educational:**

* Bachelors in “Mechanical Engineering” from Panimalar Engineering College, Chennai,2014.
* Masters in “Engineering Management” from University of Dayton in dec,2015.