**Sandhya Eppa**

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**Technical Summary:**

* **7 + Yrs** of IT Experience in Database Design, Development and business intelligence of Microsoft **SQL Server 2012/2008 R2/2005/2000** in Development, Test and Production Environments with various business domains like **Finance, HealthCare, Banking**.
* Migration of **SSRS** reports from **SQL 2005 to SQL 2008 and SQL 2008 to SQL 2012.**
* Developing reports on **SSAS**&**SSRS** on SQL Server (2005/2008/2008R2). Sound Experience and understanding of **SSAS**, **OLAP** cube and Architecture.
* Extensive knowledge and experience in dealing with Relational Database Management Systems, including Normalization, Stored Procedures, Constraints, Querying, Joins, Keys, Indexes, Data Import/Export, Triggers, cursors.
* Experienced in integrating different Microsoft BackOffice Components such as SharePoint and IIS with MS SQL Server.
* **ETL** implementation using SQL Server Integration Services (**SSIS**) in **OLTP and Data warehouse** Environment.
* Working Experience on slowly changing dimensions and creating **SSIS** packages using Active X scripts with Error Handling.
* Created complex **DTS** Packages in **SSIS** for Data Migration from Oracle/Access/Excel Sheets to SQL Server 2005/2008 and Transformation
* Used **MDX** to interact with the back end **OLAP** Services.
* Experience in Dimensional Modeling, Designing of **STAR, SNOW FLAKE Schemas**.
* Created Reports with complex formulas and to query the database for business Intelligence.
* Excellent knowledge in creating Databases, Tables, Stored Procedure, **DDL/DML Triggers**, Views, User defined data types, Cursors and Indexes using **T-SQL**.
* Extensive experience with data modeling techniques, logical and physical database design.
* Expert Knowledge of Integration Services (**SSIS**), Reporting Services (**SSRS**) and Analysis Services (**SSAS**).
* Experience in Database Development, modeling, Data Warehousing, Design and Technical Management.
* Very good experience in Creating, deploying **SSIS** Packages and migrating **DTS** Packages from **2000 to 2005/2008**
* Experience in creating indexed views, complex stored procedures, effective triggers and useful functions to facilitate efficient data manipulation and consistent data storage.
* Experience in enhancing and deploying the **SSIS** Packages from development server to production server.
* Created shared dimension tables, measures, hierarchies, levels, cubes and aggregations on MS **OLAP**/ Analysis Server (**SSAS**).
* Expert **ETL** design.
* Expertise in migrating data from MS-Access, MS-EXCEL and other external data sources.
* Experience in Creation and deployment of cubes on **SSAS**.
* Good understanding in **Oracle9i/10g Database.**
* Experience in creating Jobs, Alerts, SQL Mail Agent, scheduling **DTS**/**SSIS** Packages and Backup/Restore of a database
* Experience in Creating and Updating **Clustered and Non-Clustered Indexes** to keep up the SQL Server Performance.
* Experience in Analyzing Execution Plan and managing indexes and troubleshooting deadlocks.
* Experience in Tuning SQL queries and **T-SQL** queries, **MDX**& improving the performance of the queries.
* Worked Extensively on **ETL** process using **SSIS** package.
* Expert in Database Normalization, designing and creating Indexes, planning and implementing Server Security and authentication, Develop Queries and **T-SQL** Scripts in **MS SQL 2012/2008/2005/2000.**
* Experience in using variables, expressions and functions and also defining Query for generating drill down reports in **SSRS**.
* Experience in writing complex SQL queries involving multiple tables inner and outer joins, stored procedures.
* Excellent analytical, problem solving skills and a motivated team player with excellent inter-personal skills and familiar with offshore and multi site development.

**TECHNICAL SKILLS**

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| --- | --- |
| **SQLServer Tools** | SSMS, Profiler, Erwin, Export & Import (DTS), Lite speed, SQL Backup5 |
| **Statistical Tools** | SPSS, Minitab, Microsoft Excel |
| **Databases** | MS-SQL Server 2000/2005/2008,MS Access 97 & 2000,My SQL, Oracle |
| **BI Tools** | SSIS, SSAS, SSRS, |
| **Languages** | SQL, PL/SQL, |
| **Operating System** | Windows NT 2000 Server/ Server/ Server 2003/server 2008/Professional/ 4.0, Win XP Prof/Standard, Win 98, |

**AAA, CHARLOTTE, NC**

**Aug 2012 - Till Date**

**Sr.BI Developer**

AAA was founded for the purpose of lobbying for driver and passenger rights, fair laws and safer vehicles. All to better promote the love of the open road and the adventure of driving. Since then, AAA has grown ,while providing valuable membership services such as roadside assistance. Additionally, AAA has broadened its horizons to include all types of travel-related services, as well as offer a variety of insurance and financial products and services.

**Responsibilities:**

* Created SQL Server Reports based on the requirements using **SSRS** 2012.
* Involved in migration of **SQL Server 2005 to 2008R2/2012.**
* Identified and documented all the reports, tables (subject areas) and **ETL** for each Business units.
* Documented the current and Gap Analysis across all the business units for **ETL**, Reports and Data.
* Identified the underline reports tables which are touching non- replicated tables.
* Create Naming standards and Data dictionary for EDW Phase.
* Create the EDW server with project plan
* Create **Data mart/ Dashboard/ KPI server with project plan**.
* Participated in the Software Development Life Cycle (**SDLC)** processes including Analysis, Design, Programming, Testing and Deployment.
* Extensively used all features of **MS SQL Server 2008 R2/2008/2005 as a SQL Developer**.
* Created Cubes with Dimensions and Facts and calculating measures and dimension members using Multidimensional expression (**MDX**).
* Upgrade enhancements, maintenance, production support and bug fixes for the project and the data models.
* Created SQL objects like Tables, Stored Procedures, Functions, and User Defined Data-Types.
* Created **SSIS** packages to load data into Data Warehouse using Various **SSIS** Tasks like Execute SQL Task, bulk insert task, data flow task, file system task.
* Developed **ETL** jobs to load information into Data Warehouse from different relational databases and flat files.
* Generated different reports using **MS SQL Reporting Services and Crystal Reports.**
* Created various Tabular and Matrix Reports using **SSRS**.
* Created reports to retrieve data using Stored Procedures that accept parameters. And also converted various Stored Procedure based reports into **SSRS** based reports to improve the efficiency and flexibility of reports
* Developed a Tabular Reports, ad-hoc reports using **SSRS** Report Designer.
* Strong Experience in developing reports using Query Studio & Report Studio.
* Designed and developed customized Cognos reports for the client: Impromptu, Power Play Cube, Ad-hoc and Cognos queries using Cognos 7.4 Reporting platform.
* Schedule, Monitor and control Access of users by creating groups in Cognos Connection
* Worked on for loading data from source to destination.
* Extract Transform and Load (**ETL**) source data into respective target tables to build the required data marts.
* Created Stored Procedures, used complex queries involving join and union of multiple designing and developing Data Warehouses, Data marts and Business Intelligence.
* Worked with **SSRS** to generate reports like Drill Down and scheduled **SSIS** Packages.
* Involved in using Informatica transformations tables.
* Created **SSIS** packages to Extract and Load data from diverse source (flat file, excel, xml and **oracle**)
* Performed Multi File Imports, Package configuration, Debugging Tasks and Scripts in **SSIS**
* Wrote optimized **T-SQL** Stored Procedure to improve performance, preserve referential integrity and provide application functionality.

**Environment: SQL Server 2012/2008 R2/2005 Enterprise Edition, SSAS, SSIS, T-SQL, SSRS, Windows Server 2008/2003, Oracle 9i, Crystal Reports, Performance Point Server 2007, Informatica, Excel, XML,.NET,Cognos 8.4/8.2, Framework Manager, Cognos Connection.**

**ECOLAB,SAINT PAUL, MN**

**Jan 2011 – Jul 2012**

**Sr.BI Developer**

Ecolab is the global leader in water, hygiene and energy technologies and services. Around the world, businesses in the foodservice, food processing, hospitality, healthcare, industrial, and oil and gas markets choose Ecolab products and services to keep their environments clean and safe, operate efficiently and achieve sustainability goals.

**Responsibilities:**

* Efficiently helped in the Software Development Life Cycle **(SDLC)** processes including Analysis, Design, Programming, Testing and Deployment.
* Installation and configuration of **SQL Server 2008 R2/2005.**
* Excellent backend skills in creating SQL objects like **Tables, Stored Procedures, Functions, User Defined Data-Types, Rules, And Defaults.**
* Upgrade enhancements, maintenance, production support and bug fixes for the project and the data models.
* Developed complex **SSRS** reports using multiple data providers, Global Variables, Expressions, user defined objects, aggregate aware objects, charts, and synchronized queries.
* Deployed reports, created report schedules and subscriptions. Managing and securing reports using **SSRS**.
* Built ad-hoc reports using SQL Server Reporting Services (**SSRS**).
* Troubleshoot system issues, monitored scheduled jobs and set up maintenance plans for proactively monitoring the performance of SQL Server databases.
* Experience in creating **Tablix Reports, Matrix Reports, Parameterized Reports, Subreports using Sql Server Reporting Services 2008 R2.**
* Involved in Migration of **SSRS** 2005 to **SSRS** 2008 R2.
* Good understanding of Data Marts, Data warehousing, **OLAP**, Star Schema Modeling, Snow-Flake Modeling, Fact and Dimensions Tables using MS Analysis Services.
* Using SQL server reporting services (**SSRS**) delivering enterprise, Web-enabled reporting to create reports that draw content from a variety of data sources.
* Designing and implementing a variety of **SSRS** reports such as Parameterized, Drilldown, Ad hoc and Sub-reports using Report Designer and Report Builder based on the requirements.
* Designed and developed **OLAP** Cubes and Dimensions using SQL Server Analysis Services (**SSAS**).
* Extensive Knowledge in **SSAS** storage and partitions, and Aggregations, calculation of queries with **MDX**, Data Mining Models, developing reports using **MDX** and SQL.
* Designed and developed packages for data warehouse using Integration services (**SSIS**) SQL Server 2005/2008.
* Used Informatica for **ETL** process.
* Designed high level **ETL** architecture for overall data transfer from the OLTP to **OLAP** with the help of **SSIS**.
* Deploy **SSIS** Package into Production and used Package configuration to export various package properties to make package environment independent.
* Implemented Event Handlers and Error Handling in **SSIS** packages and notified process results to various user communities.
* Installed and configured Cognos 8 BI products, tuning and testing.
* Designed, developed and modified Cognos reports using Cognos Report Studio and Query Studio.
* Collaborated with Cognos defined best practices for reporting architecture to evolve enterprise products.
* Defined and enhanced the Cognos reporting architecture.

**Environment: MS SQL Server 2008, T-SQL, SSRS, SSAS, SSIS Packages, SSRS, MDX, ETL, Erwin, Informatica, ASP.Net 3.0, Ado.Net 3.0, C#.Net, Excel, MDX, OLAP, OLTP, Access, Windows 2003 Server.Cognos 8.3, FrameWork Manager, Transformer, Cognos Connection, ReportStudio, QueryStudio**,

**WELL POINT,RICHMOND, VA**

**Oct 2009 –Dec 2010**

**SQL/BI Developer**

**Fifth Third Bank** (5/3 Bank) is a U.S. regional banking corporation, headquartered in Cincinnati, Ohio and is the principal subsidiary of holding company Fifth Third Bancorp.  
Fifth Third Bancorp is a diversified financial services company with $111 billion in assets, operates 15 affiliates with 1,232 full-service Banking Centers, including 106 Bank Mart locations open seven days a week inside select grocery stores and 2,213 ATMs.

**Responsibilities:**

* Installation and configuration of SQL Server Reporting Services (**SSRS**) 2008.
* Created Tabular reports, Matrix reports, List reports, Parameterized reports, Sub reports, Adhoc reports through Report Builder.
* Created reports using stored procedure. Involved in scheduling, creating snapshots and subscriptions for the reports. (**SSRS)(2005/2008).**
* Involved in creating report models and applying row level security filters for report model.
* Build the Dimensions, cubes with star schema using SQL Server Analysis Services (**SSAS**).
* Understanding the **OLAP** processing for changing and maintaining the Warehousing Optimizing Dimensions, Hierarchies and adding the Aggregations to the Cube.
* Involved in writing **MDX** queries and performance optimization of the **SSAS** cubes.
* Extensively involved in designing the **SSIS** packages to export data of flat file source to SQL Server database.
* Involved in creating **SSIS** jobs to automate the reports generation, cube refresh packages.
* Extract Transform Load (**ETL**) development using SQL Server 2005, SQL 2008 Integration Services (**SSIS**).
* Experience in creating complex **SSIS** packages using proper control and data flow elements with error handling
* Installed and configured Cognos 8 BI products, tuning and testing.
* Designed, developed and modified Cognos reports using Cognos Report Studio and Query Studio. .
* Experience in moving the data from heterogeneous data sources like **oracle**, xml etc to sql using **SSIS**.
* Created subscriptions in **SSRS** to deliver reports to a shared file.
* Implemented logical and physical modeling using **ERWIN data modeler**
* Reports using SQL Server Reporting Services 2008
* Applied conditional formatting in **SSRS** to highlight key areas in the report data.
* Involved in migration of crystal reports to **SSRS** 2008.
* Enhancing and deploying the **SSIS** Packages from development server to production server.
* Designed high level **ETL** architecture for overall data transfer from the source server to the Enterprise Services Warehouse which encompasses **server name, database name, accounts, tables and direction of data flow, Column Mapping, Data dictionary and Metadata.**
* Advanced extensible reporting skills using SQL Server 2005 Reporting Services (**SSRS**).
* Played a major role in the production support of **SSAS** cubes and **SSIS** jobs.
* Developing the User-interface Front-end screens in .Net 3.5 environment using **C#.Net, Asp.Net, JavaScript ,HTML** and **DHTML**

**Environment: SQL Server 2005/2008 Enterprise Edition, .Net 3.5,SQL BI Suite (SSAS, SSIS, SSRS), ProClarity Server , Crystal Reports, XML, MS PowerPoint, MS Access 2003 & UNIX, Shell Scripting, Oracle**.

**State Bank Of India, India**

**May 2007 – Sep 2009**

**SQL Developer**

State Bank of India (SBI) is a banking and financial services company based in India. It is a state-owned corporation with its headquarters in Mumbai, Maharashtra. The bank traces its ancestry to British India, through the Imperial Bank of India, to the founding in 1806 of the Bank of Calcutta, making it the oldest commercial bank in the Indian Subcontinent.

**Responsibilities:**

* Developed the Functional specification documentation for the modules to be developed.
* Worked with **SQL and PL/SQL to create Tables, Views, and triggers and stored Procedures.**
* Created various database objects (tables, indexes, views, stored procedures and triggers) and implemented referential integrity constraints for enforcing data integrity and business rules
* Responsible for tuning **T-SQL** procedures, triggers and other database objects.
* Fine tuned and checked the performance of existing objects in SQL Server and implemented transactional logic for them
* Designed and developed **DTS** packages for transferring data from flat files and Access files
* Created linked servers between different SQL Servers and also created linked server with different access files used across various departments
* Created complex reports in **Crystal Reports** using procedures from SQL Server by passing in stored procedure parameters
* Responsible for SQL Server 2000 database development, database modeling, database program, database administrator
* Performed DBA tasks through Enterprise **Manager, Query Analyzer, English Query, Import Export wizard**
* Involved in designing and writing Stored Procedures, functions and packages using **T-SQL** for SQL Server 2000.
* Maintain and implement the database using SQL Server 2000 back-end tools and **DTS**.
* Design, develop and administer the E-Work platform website
* Involved in complete SDLC, which includes requirement gathering, analysis, design, development, Implementation,
* Upgrade enhancements, maintenance, production support and bug fixing for the product.

**Environment:T-SQL, SQL Server 2000, OLAP Services, Windows 2000 Server, Query Analyzer, DTS,MS Access 2000, Oracle, VB.net 2003, Erwin Data Modeler**.