**KOUSHIK BAKKI**

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**PROFESSIONAL SUMMARY:**

* Over 8+ Years of IT Experience in Software Analysis, Design and Development in Client/Server systems, Data warehousing and Business Intelligence applications.
* Experience in requirement analysis, **designing**, **coding**, **testing** and evolution phases in a software development life cycle.
* Experience in creating **Indexes**, **Views**, **Triggers**, **Functions**, and appropriate **Stored Procedures** to facilitate efficient data manipulation and data consistency.
* Experience in writing **Complex SQL Queries** involving **multiple joins**.
* Strong Knowledge of Relational Database Management System (**RDBMS**), **OLAP&OLTP**, Data Warehouse Concepts and experience with MS SQL Server in writing **T-SQL**, working on **SSIS, SSRS, SSAS**, Data **Analysis**, Data **Cleansing** and **Data Migration**.
* Highly experienced working on SQL server integration services packages (Developing, Deploying, Scheduling, Troubleshooting and monitoring) for performing **ETL** Purposes across different servers.
* Excellent in High Level Design of **ETL DTS** Packages &**SSIS** Packages for integrating data using **OLE DB** connection from heterogeneous sources (**Excel**, **CSV, Oracle**, flat file, Text Format Data) by using multiple transformations provided by **SSIS** such **as Data Conversion**, **Conditional Split**, **Bulk Insert**, **merge and union all**.
* Created SSIS packages to transfer data between **OLTP** and **OLAP** Databases.
* Configure Reports / Dashboards with different Views (Drill-Down, Pivot Table, Chart, and Column Selector, global and local Filters) using **OBIEE** Answers.
* Proficient in using the following tools: **Oracle BI Administration** (RPD), Oracle BI Answers, Oracle **SQL Plus, Oracle SQL Developer**.
* Expertise in creating Time-series measures, and Variables (Repository/Session/presentation variables).
* Extensive experience in deploying the **OBIEE** security at data level and object level (Metadata objects and web objects).
* Experience of **OBIEE 11g** with clear understanding of its Architecture and new features which includes new dimensional Hierarchal models (Ragged & Skipped hierarchies), and new time-series functions (Periodic Rolling and Aggregate At).
* Experience in Unit Testing of **OBIEE** reports.
* Expertise in Business Intelligence Applications using Oracle Business Intelligence (**OBIEE/OBIA**) in HRCIM, Sales, Procurement modules.
* Good Knowledge of **Normalization/De-Normalization** and Data Modelling.
* Proficient in Database Query performance **optimization**, **debugging** and performance tuning using the Query Analyzer, SQL Profiler and **SQL Server Debugger**.
* Experience on **OBIEE** 12.2 and PL/SQL, Tableau, Team track, Telnet and SQL Developer.
* Expert in working with trace files and execution logs.
* Expert in database activities like database creation and maintenance, Performance Monitoring and Troubleshooting.

**Technical Skill:**

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| **Databases** | MS SQL Server (2008, 2008R2, 2014), ORACLE |
| **DWH/BI Tools** | SSIS (2005, 2008, 2012), SSRS (2005, 2008, 2012), Crystal Reports, Business Intelligence Development Studio (BIDS), Visual Studio, Erwin Data Modeler. |
| **Development skills** | T-SQL, PL/SQL, SSIS/SSRS/SSAS |
| **Languages** | CICS, PL/SQL, T-SQL, OLAP, C#.NET, C++, ASP.Net.  VB Scripting, HTML |
| **Reporting Tools** | SQL Server Reporting Services, MS Excel, |
| **Tools/Methodologies** | **:** MS Visio, MS Project, SQL Profiler, MS Office |

**PROFESSIONAL EXPERIENCE:**

**American Express, New York City Jan ’17 to present**

**Role: OBIEE Developer**

**Responsibilities:**

* Developed MS Access **VBA** code and **SQL** for the claiming compliance application.
* Created Technical design specification documents based on the functional design documents and the physical data model.
* Supported data extraction from legacy systems into flat files for loading into Puddle claims database.
* Leveraged dynamic SQL for improving the performance, and efficiency.
* Helped clients in decision making by creating reports, there by answering their questions using **OBIEE.**
* Extensively worked with DBAs and ETL team, towards performance tuning in **OBIEE** and Data Warehouse environment using cache management, aggregate tables and indexes.
* Configured and maintained **OBIEE** Delivery Agents to deliver Scheduled Reports to user group.
* Analyzed **OBIEE** reporting data requests, researching data to satisfy requests.
* Create prompts, Ad Hoc reports and customized reports.
* Modified existing **OBIEE** reports and develop new reporting products.
* Supported and executed the migration of multiple **OBIEE** projects through platform upgrades.
* Debugged complex **SQL queries.**
* Analyzed business requirements and developed Logical Star Schema models with consultation from Data Modelers and Business Analysts.
* Developed metadata repository using **OBIEE** Administration tool in Physical, Business Model and Mapping, and Presentation Layer.
* Managed the migration of **SQL Server 2012** databases to **SQL Server 2014**.
* Deployed **SSIS** packages across development, test and production environments using project deployment model.
* Created Packages by testing and cleaning the Standardized Data by using tools in Data Flow Transformations (Data Conversion, Export Column, Merge join, Sort, Union all, Conditional Split and more) for existing/new packages and huge **CSV** file import to Sale Force from different data sources and other ongoing tasks for mapping.
* Developed ETL Processes using **SQL Server 2012** Integration Services to migrate data from Oracle data source into a **SQL Server 2012** database.
* Developed highly efficient, complex batch T-SQL procedures and functions for serving ad hoc reports.

**Environment**: MS SQL Server 2014, VBScript, HTML, Oracle 11g, OBIEE 11g, SQL, SQL Developer, Windows XP/ 7.

**Vantiv, Cincinnati, OH July ’15 to Dec ’16 Role: OBIEE Developer**

**Responsibilities:**

* Installation and configuration of **SQL Server 2012**.
* As a BI Developer analyzed the requirements and systematically designed the data mart for the online Services. Identified the dimensions, Fact tables and designed the data mart using star schema.
* Developed ETL Processes using **SQL Server 2012** Integration Services to migrate data from Oracle data source into a **SQL Server 2012** database.
* Involved in Software Development Life cycle starting from requirements gathering and performed analysis and design to implementation & maintenance.
* Install and maintain **OBIEE** and Informatica in DEV, Test, UAT and PROD environments on Linux servers and POC servers in Windows.
* Working on **OBIEE** 11g to 12c upgrade project.
* Installation and configuration of Informatica Data Quality (IDQ) on the Linux servers on top of Informatica.
* Minor **OBIEE/Hyperion** Essbase functional lead, PeopleSoft EPM, Hyperion Reporting, data warehouse strategy, analytic applications including balanced scorecard, FTP, Activity Based Management, and the **FSCM** and Workforce data warehouses.
* Installed cluster on the Informatica server as Active and Passive nodes.
* Installed cluster on **OBIEE, BIP** Test, UAT and PROD server for the high availability and load balancing of the users across the two servers.
* Interacted with Business Analyst and data Modelers to understand the required functionality for **OBIEE** reports.
* Interaction with business users for collecting, analyzing and documenting requirements.
* Lead a team of 5 developers with responsibility of assigning work and helping them in problem solving of ETL and **OBIEE.**
* Used **INFORMATICA** to extract data from the database (ORACLE) and flat files.
* Supported and enhanced script wrapper using command line Informatica and scripts
* Created SSIS Packages by using different kind of transformations (i.e. pivot Transformation, Derived Columns, Condition Split, Term extraction, Aggregations, Multicast).
* Implemented OLAP Cubes for providing summarized and aggregate views of large sets of data. Multi-Dimensional Expression **(MDX)** to access them.
* Generated multi parameterized reports in **MS SSRS 2008** allowing users the ability to make selections before executing reports thus making them user friendly.

**Environment**: MS SQL Server 2012\2008R2, SQL Server Reporting Services(SSRS)2012, SQL Server Integration Services(SSIS),Visual Studio 2010, TFS, Erwin, Agile Methodologies, Visio, Enterprise Manager, Crystal Reports 10, SQL Server Management Studio (SSMS),T-SQL,PL/SQL. **Informatica** Power Center, OBIEE 12.2.1.0/11.1.1.7, Oracle 11g, SQL developer,

**Ford, Detroit, MI Sep ’13 to Jun ’15**

**Role: SQL Server/SSIS/SSAS/SSRS Developer**

**Responsibilities:**

* Worked with end users, business analysts and application developers to identify business needs and transforming business rules to database specifications.
* Worked in creating complex **Stored Procedures**, **cursors**, **tables**, **views**, joins and statements for applications and developed complex **T-SQL** code for the application.
* Partitioned Tables and Indexes to load data from **OLTP** to an **OLAP** system to transfer the data quickly, efficiently and maintaining Integrity.
* Developed **ETL** Processes using **SQL Server 2012 Integration Services** to migrate data from Oracle data source into a SQL Server 2012 database.
* Created **SSIS** Packages by using different kinds of transformations (i.e. pivot Transformation, Derived Columns, Condition Split, Term extraction, **Aggregations**, Multicast).
* Created Packages by testing and cleaning the Standardized Data by using tools in Data Flow Transformations (Data **Conversion, Export Column**, **Merge join, Sort, Union all,** Conditional Split and more) for existing/new packages and huge CSV file import to Sale Force from different data sources and other ongoing tasks for mapping.
* Deployed SSIS packages across development, test and production environments using project deployment model.
* Created Rich dashboards using Tableau Dashboard and prepared user stories to create compelling dashboards to deliver actionable insights.
* Connected Tableau server with share-point portal and setup auto refresh feature.
* Transformed Tableau into a managed service offering for consumption across Corporate Treasury and Corporate Investments.
* Implemented **OLAP** Cubes for providing summarized and **aggregate** views of large sets of data. Multi-Dimensional Expression (**MDX**) to access them.
* Implementing Facts and dimensions for providing views of large sets of data.
* Created drill down, drill through, cascading parametric and sub reports from **SSAS** cubes that can be browsed on web.
* Developed report specifications, created and modified reports using **SSRS** 2012.
* Designed, deployed, and maintained of various SSRS Reports in SQL Server 2012.

**Environment:** MS SQL Server 2012\2008R2, SQL Server Reporting Services(SSRS)2012, SQL Server Integration Services(SSIS), Visual Studio 2010, TFS,ErWin,Agile Methodologies, Visio, Enterprise Manager, Crystal Reports 10, SQL Server Management Studio (SSMS),T-SQL,PL/SQL, Tableau, tableau server.

**Allianz Life Insurance, Minneapolis, MN Nov ’11– Aug ’13 Role: SQL BI Developer**

**Responsibilities:**

* Generated database monitoring and data validation reports in SQL Server Reporting Service (SSRS).
* Created partition table for very large database for good performance.
* Involved in creation of Data Warehouse Cubes in SQL Server Analysis Service (SSAS).
* Maintained system monitoring jobs and provide high availability support.
* Participated Databases Architecture and data modeling design.
* Performing DBA functions, installing, configuring and supporting database systems.
* Reported all events and requirements through established reporting mechanisms in SSRS.
* Expertise in developing web applications in Microsoft Visual Studio 2008 using ASP.Net, C#
* Reviewed and developed data models and database designs with development teams
* Wrote store procedures for some job automations.
* Generated test data and tested database to meet the functionalities deliverables in the project documentation and specifications.
* Designed and developed OLAP using MS SQL Server Analysis Services (SSAS).
* Designed and developed MS SQL Server Reporting Services(SSRS) under SQL Server 2005

**Environment: MS SQL Server 2005, SSRS, SSIS, SSAS, ProClarity, C#, ASP.NET, VB.NET, OLAP, Erwin 7.0, DTS/SSIS, BIDS.**

**Food World Group, Bangalore, India Aug ’09– Oct ’11 Role: SQL Server Developer/DBA Trainee**

**Responsibilities:**

* Involved in **installation and configuration** of SQL server 2000 on Servers.
* Applied patches and service packs to keep the database at current patch level.
* Learned to Implement database standards, naming convention for the database objects and maintain database security.
* Created **Database Objects like Tables, Stored Procedures, Views, Triggers, Rules, Defaults, User defined data types and functions.**
* Implemented trigger and stored procedures and enforced business rules via checks and constraints.
* Involved in data conversions and data loads from various databases and file structures.
* Monitor failed and long running MS SQL Server jobs.

**Environment:** SQL Server 2005, DTS, T-SQL, Crystal reports7, ASP.Net.