**MOUNIKA KARAMPUDI**

**SR.SQL SERVER ANALYST**

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**Experience Summary:**

**Professional Summary:**

* 10 years of professional experience in the IT industry as a **MS SQL/BI Developer.**
* Highly proficient in the use of **T-SQL, PLSQL** and **MySQL** for developing and debugging complex stored procedures, triggers, tables, user functions, user profiles, relational database models and data integrity, SQL joins and query writing.
* Worked as a **Business Analyst** and subject matter expert (**SME**) for collecting and analyzing business requirements.
* Proven ability in **Troubleshooting**, **Performance Tuning, Query Optimization and running Database**.
* Experience working with OLTP and OLAP database environments.
* Very Strong in **MS SQL Server** 2005/2008, 2012 **SSRS**, **SSAS**, **SSIS** packages.
* Worked on data modeling techniques to design the database architecture.
* Profound knowledge and ability to write **stored procedures, temporary tables, views, indexes, triggers** when required and complex queries including correlated queries and queries with complex joins and aggregate functions. Expertise with DDL and DML statements, RDBMS, data dictionaries and normal forms.
* Proficiency and Expertise in SQL Server and Oracle **Replication**, **Backup/Recovery**, **Disaster recovery and planning**.
* Worked on administration tasks such as data loading, batch jobs, configuring IIS, data uploading, **backup/recovery**, **Database mirroring, Log shipping**, user and application table management, upgrades, creating **database partitioning**, databases/file groups/files/**transaction log**
* Experience in query optimization (SQL tuning) using **SQL Profiler**, **Database Tuning Advisor (DTA)**, Index tuning wizard and **Performance monitor** for performance tuning.
* Experience in building Data Integration, Workflow Solutions and **Extract, Transform, Load (ETL)**solutions for data warehousing using **SQL Server Integration Service (SSIS)**
* Experience in providing Logging, Error handling by using Event Handler, and Performance Tuning in **SSIS** packages by using Row Transformations, **Block and Unblock** Transformations.
* Extensive experience in report generation using **SQL Server Reporting Services (SSRS)** from both Relational databases and **OLTP**/**OLAP cubes**.
* Expert in designing and generating reports using **SQL Server Reporting Services (SSRS)** and **Excel Pivot table** based on **OLAP cubes** which make use of multiple value selection in parameters pick list, matrix, dynamic reports and other features of reporting service.
* Good understanding of **Microsoft Reporting Services (SSRS)** with Report authoring, Report management, Report delivery and Report security**.**
* Excellent experience working **on Oracle Business Intelligence Enterprise Edition** (OBIEE), designing OBIEE dashboards, BI answers and analytics using administration tool **of OBIEE** on top of DataMart’s and Datawarehouse.
* Highly experienced in working with OBI Answers, **OBI Dashboards**, **BI Publishers** and OBI Delivers.
* Good working knowledge in **Oracle Cloud OTBI** and BIP report development using complex subject areas in Oracle core financials.
* Hands on experience in developing Custom Reports and different types of **Tabular Reports, Matrix Reports, Ad Hoc reports and distributed reports** in multiple formats using **SQL Server Reporting Services** (**SSRS**) in Business intelligence development studio (**BIDS**).
* Expert in creating **parameterized reports, Drill down, Drill through**, Sub reports, and Linked reports, **Snapshot, cached** using **SSRS**.
* Expert in writing **MDX/DAX queries** with extensive experience in creating and customizing Cubes using SQL Server Analysis Services (SSAS) 2005/2008.
* Experienced in working with Star Schema modeling to develop **ROLAP/MOLAP Cubes** using SQL Server 2005/2008/2012 Analysis Services.
* Experience in **Cube designing** in Business Intelligence Development Studio **using SSAS.**
* Strong experience in defining Referenced relationships in **SSAS**.
* Experience in Application Development Analysis, Requirement Analysis, Scoping, Developing, Debugging, Testing and Documentation of various phases in a project life cycle of Client/Server Applications.
* Have good knowledge on **Erwin data modeler** for analyzing and designing the database.
* Good knowledge of **Microsoft access database**, Computer Science theory & strong in modern programming languages.
* Good experience working on GitHub repositories and Bitbucket repositories.
* Have knowledge of **Kimball** methodology.
* Knowledge on other reporting software’s like MS Excel, MS Access, PowerPoint, and VBA.
* Manage multiple tasks and responsibilities in high-pressure environments.
* Track record of taking projects to successful completion.
* Excellent analytical, problem-solving skills and a team worker with a strong customer focus.

**Technical Skills:**

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| --- | --- |
| Database Technologies | SQL Server 2012\2008R2\2008\2005\2000, Oracle 11g/10g/9i |
| Languages | **SQL**, T-SQL, PL\SQL, MYSQL, JAVA, C, C++, VB6.0, FOXPRO, SAS |
| SQL Tools | SQL Server Management Studio, Business Intelligence Development Studio, **SQL Profiler**, SQL Server Configuration Manager, Database Engine Tuning Advisor, SQL Red Gate Tool. |
| Oracle Tools | ANSI SQL**, Oracle PL/SQL**, SQL\*Plus, **TOAD**, ISQL\*Plus, **SQL\*Loader**, Oracle procedure Builder, RDBMS |
| Development Tools | Developer **11g/10g/9i/6i/**2000 Release 1 & 2, Reports 10g/9i/6i, Forms 6i/9i/10g |
| Reporting Tools | **Tableau** 7/8, **Informatica, Oracle data integrator (ODI),** Oracle Reports, OBIEE, OTBI, Power BI |
| Scripting Languages | Java Script, **UNIX** Scripting |
| ETL Tools | MSBI tools, Tableau, Informatica. |
| Web Technologies | **HTML, XML, ASP.NET, C#** |

**EDUCATION BACKGROUND:**

Masters in computer science **(CSE),** UMKC-USA

***2013-2014***

Bachelors in **Electronics and Communications Engineering** (**ECE**), JNTU-INDIA

***2007-2011***

***PROFESSIONAL EXPERIENCE***

***Customized Energy Solutions, Philadelphia -USA June 2018-Till date***

***Sr. SQL Server Analyst***

CES, main goal is to assists clients in managing the wholesale and retail electricity and natural gas markets. It offers best energy market operations platforms and services. CES, focus on empowering clients by sharing the understandings of the workings of the energy markets via CES|BLUE, CES|GREEN|, CES| Market IQ| services.

**Responsibilities:**

* Involved in cleaning and data massaging the .CSV files.
* Wrote complex T\_SQL scripts and stored procedures to load the data into databases.
* Strong experience in Extraction, Transformation and Loading data from various sources into DataMart’s using Informatica.
* Experience in data architecture to increase data quality, data security and performance.
* Created Informatica mappings, sessions and workflows as per technical design requirements in informatica power center designer.
* Used various transformations like Filter, Router, Expression, Lookup, Normalizer, sorter and union to develop robust mappings in the informatica designer.
* Experience in resolving ongoing maintenance issues and bug fixes, monitoring informatica sessions and performance tuning of mappings and sessions.
* Also created multiple packages in SSISwith different control flow options and data flow transformations such as Conditional Split, Multicast, Union all and Derived Column etc.
* Created different SSIS packages, by using various parameters, variables and dynamic SQL queries.
* Created **SQL server Agent Jobs** to schedule the automatic run of SSIS packages to load the databases and tables.
* Worked on **AWS Data Migration**, migrated the client energy market data from Internal CES databases to AWS server using SQL Server by writing complex codes.
* Involved in running and de-bugging **C# Scripts**, for loading the data into databases from various files we get daily.
* Working as a production support, troubleshooting and fixing the production issues and maintain the live data as accurate as possible.
* Involved in creating and fixing the various **parameterized SSRS reports** like drill through, drill down, tabular reports.
* Developed different kind of reports like Sub reports, Charts, Matrix reports, Linked reports.
* Working on improving the **Financial Collateral Dashboard** that helps the client to monitor the invoices and billings, EDI and Non-EDI transactions of their customers for electric and gas commodities.
* Working on monitoring the C# script to process the EDI files into database from client’s FTP location.
* Involved in Reconciliation process, to compare the energy charges with CES values and client values.
* Involved in running and monitoring the SQL jobs to post the data onto dashboard and fixing the issues on dashboard.
* Created various **Clustered Indexes, Non-Clustered Indexes** and optimization of queries on tables to improve the performance of the execution.
* Implemented database standards and naming convention for the database objects and documentation of all the processes involved in maintaining the database for future reference.
* Designed and built **Star and Snowflake dimensional models** creating facts, dimensions, measures, cube and established data granularity.
* Participated in Databases Architecture and data modeling design.
* Reviewed and developed data models and database designs with development teams
* **Monitoring Performance** of SQL server using SQL Profiler, Query Analyzer, Database Engine Tuning Advisor (DTA) and Performance monitoring.
* Involved in leading the Interns to code review their scripts before moving to production and supporting them in writing better performance queries.
* Worked on call support to resolve issues whenever needed.
* Working on **Agile Methodology** and **Bit Bucket tool,** to check in the daily work processand have experience in using Tortoise SVN to keep track of all different versions of source files.
* Involved working with GitHub repositories to check in the C# projects to make sure team can access it.
* Using **Jira** for raising tickets to keep track of everyday work and gives information about the sprint work by all teams.
* Using **Atlassian Confluence** for documentations, to easily learn about all the teams in the company and their progress.
* Currently working on Microservices project to integrate and ingest data into database using web APIusing ASP.Net
* Experience in using **Tableau and** Power **BI** for reporting purposes.

**Environment:** SQL Server 2008R2,2014,2017 Enterprise Edition, SQL, T-SQL, Oracle PLSQL, MS Access, MS Excel, & Windows 2003 server, WinSCP, Red Gate SQL Search, Bitbucket, Tortoise SVN, Informatica, Business Intelligence technologies like SSIS, SSRS, Oracle SQL Developer.

***Stepstone, Brussels-BELGIUM Nov 2017-June 2018***

***Database Developer/DBA***

## Step Stone wants to be the job market of choice for customers and candidates. To enable organizations, achieve better talent success than any other company. Their goal is to accurately match the best candidates with the best companies. They have separate Recruiter space and candidate space. They provide CV/Direct Search database access to Recruiters to search for suitable candidates for their job listings.

## Responsibilities:

* Analyzed the existing tool and participated in meetings with the product owners to gather business requirements and design goals of data warehouse.
* Developed the **Legacy and BORS** (Backoffice Recruiter Space) databases, writing complex stored procedures using PLSQL
* Worked on creating Entity relation diagrams (ERD) to design the databases. Also, created various database objects like tables, views, UDF’s.
* Involved in database tuning and query optimization techniques to maintain the performance of databases.
* Worked on improvising and maintaining the **Direct Search/CV database** that stores all the information of latest **CV updates** of candidates.
* Worked on profile agents and job agents to send emails to recruiters or candidates, using Selligent Tool. We store the data of actively searching candidates and Job Listings.
* Worked on administration tasks such as data loading, batch jobs, **backup/recovery**, **Database mirroring, Log shipping**, creating **database partitioning**, databases/file groups/files/**transaction log**.
* Possess a complete understanding of the OBIEE environment, from dimensional modeling to front-end report/dashboard design.
* Experience gathering requirements then identifying, analyzing and documenting gaps between the capabilities of the commercial off-the-shelf (COTS) **OBIA** product and user requirements.
* Worked extensively on Complex **OTBI/BIP** reports on various financial modules such as Account Payables, Account Receivables, General Ledger and Fixed Asset etc.
* Discovery, analysis and design sessions with key stakeholders and process owners.
* Experience in building Oracle BIP reports, Analysis reports and reports using data models.
* Responsible for the design and development of a scalable business intelligence solutions, mainly on Oracle Business Intelligence Enterprise Edition (OBIEE 12c)
* Develop SQL statements and **Oracle PL/SQL** stored procedures, database packages and triggers
* Create Dashboards/Reports on **OBIEE** environment based on business requirements
* Install, upgrade, patching Oracle BI EE 11g, 12.x.
* Develop **RPD** models on **OBIEE** using a dimensional approach with appropriate layers of base facts, dimension, snapshots and aggregates
* Development of a significant number of FRS, SmartView and OTBI reports
* Developed different kind of reports like Sub reports, Charts, Matrix reports, Linked reports.
* Worked extensively on Microsoft SQL server services including SSIS, SSAS, SSRS for reporting purposes.
* Created various **clustered Indexes, non-clustered Indexes** and optimization of queries on tables to improve the performance of the execution.
* Implemented database standards and naming convention for the database objects and documentation of all the processes involved in maintaining the database for future reference.
* Participated in Databases Architecture and data modeling design.
* Reviewed and developed data models and database designs with development teams
* Created Stored Procedures, Triggers, Functions, Indexes, Tables, Views and other **T-SQL** code and **SQL joins** for applications.
* Inspected the reports and fixed bugs in stored procedures and tuned Reporting Services to the T-SQL.
* Worked on call support to resolve issues whenever needed.
* Worked on **Agile Methodology** and **Microsoft Team Foundation Server** (TFS) and have experience in using Tortoise SVN to keep track of all different versions of source files.
* Used **Vulcan/Jira** for raising tickets that keeps track of all the work, done by individuals and gives information about the sprint work by all teams.
* Used **Eureka** for documentation to easily learn about all the teams in the company and their progress.

**Environment:** Oracle 12c, SQL Server 2008R2 & 2012 Enterprise Edition, SQL, T-SQL, PLSQL,MS Access, MS Excel, & Windows 2003 server, Business Intelligence technologies like OBIEE,OTBI, SSIS, SSRS.SSAS.

**Ascension Health, Indianapolis-USA May 2015 - Aug 2016**

**Business Intelligence Developer**

Business Optimization is a health service project aims at providing supply chain analysis, human resources and finance services. All the data related to these feeds are stored in MSC (Ministry Services) DataMart.

**Responsibilities**:

* Analyzed the existing tool and participated in meetings with the business users to gather requirements and design goals of data warehouse.
* Set the business specifications and functional or technical analysis.
* Worked on daily **batch loads like Full & Incremental** into **Staging** and **ODS** areas, troubleshooting process, issues and errors using **SQL Server Integration Services (SSIS)**
* Developed **SSIS packages** to **Extract, Transform and Load (ETL)** data into the data warehouse/Target Database from heterogeneous sources by properly analyzing and mapping the data.
* Have experience to pull the data from Oracle by using **Oracle Attunity Connections** in SSIS and loading into SQL Server Data warehouse
* Generated periodic reports based on the statistical analysis of the data from various time frame and division using SQL Server Reporting Services (SSRS)
* Implemented database standards and naming convention for the database objects and documentation of all the processes involved in maintaining the database for future reference.
* Used Bulk Copy program **(BCP)** to import and export large amounts of data in and out of SQL Server databases.
* Involved in creating calculated members, named set, advanced **KPI’**s for the **SSAS** cubes.
* Created several dashboards and scorecards with Key Performance Indicators (KPI) in SQL Server 2005 Analysis Services (SSAS).
* Participated in Databases Architecture and data modeling design.
* Reviewed and developed data models and database designs with development teams
* **Monitoring Performance** of SQL server using SQL Profiler, Query Analyzer, Database Engine Tuning Advisor (DTA) and Performance monitoring.
* Inspected the reports and fixed bugs in stored procedures and also tuned Reporting Services to the T-SQL.
* Worked on **Agile Methodology** and **Microsoft Team Foundation Server** (TFS) and have experience in using Tortoise SVN to keep track of all different versions of source files.

**Environment:** SQL Server 2008R2 & 2012 Enterprise Edition, SQL, T-SQL, PL SQL, MS Access, MS Excel, & Windows 2003 server, Business Intelligence technologies like SSIS, SSRS, SSAS, Oracle SQL Developer.

**Infosys Ltd, Hyderabad-INDIA June 2011– July 2013**

**SQL Server Developer.**

The **Financial Net Sales (FNS) web application** is an **Executive Information System (EIS)** application tool that enables users to view financial net sales and market basket information in an easy to use, web-based interface. It is designed to serve the information needs of multiple user roles ranging from executives, analysts, power users, and administrators.

**Responsibilities**:

* Gathered business requirements from business and clients to develop various reports and cubes.
* Formulated and documented the physical ETL process design based on business requirements and system specifications with strong ETL design skills, including source to target mappings, transformations, lookups, aggregations, expressions.
* Built SSIS packages with **EXCEL** and **FLAT** file source with validations to capture any kind of errors in the source.
* Designed the Database architecture using data modeling techniques.
* Created/Updated database objects like tables, views, stored procedures, function, packages,
* Created views to facilitate easy user interface implementation, and triggers on them to facilitate consistent data entry into the database.
* Developed table reports, chart reports, line reports, parameterized reports, sub reports using SQL Server Reporting Services 2008.
* Designed reports using **Pivot-tables, bar charts, Line-charts and Pie charts** on data from cubes and SQL Server in Excel 2007.
* Imported data from multiple data sources into Excel workbook, created relationships between heterogeneous data, created calculated columns and measures using V Lookup and formulas, built PivotTables and Pivot Charts using Power Pivot skill
* Wrote complex SQL queries using joins, sub queries and correlated sub queries to retrieve data from the database.
* Designed and developed packages for **data warehouse** using Integration Services **(SSIS)** SQL Server 2008/2008R2.
* Involved in providing **ETL support** for the production server.
* Migrated **DTS packages** from SQL Server 2008 to SQL Server 2008R2 as **SSIS Packages.**
* Created SQL Server Profiler traces & used with Database Tuning Advisor (DTA) for optimum performance of **T-SQL** and **MDX/DAX queries.**

**Environment:** SQL Server 2008 Enterprise Edition, BIDS, SSAS, SSIS, SSRS, T-SQL, MDX, ETL, VB.Net, ASP.Net, C#, Oracle 9i, Performance Point Server 2007, Erwin 7.2.