Sahithi K

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**SUMMARY OF EXPERIENCE:**

* 8+ years of experience in Oracle 11g/10g/9i/8i ,PL/SQL, Oracle Forms 6i, Oracle Reports 6i, TOAD, Java Script, VB Script, ETL (Extract Transform Load),Tableau, Teradata Technologies
* Experience in Oracle Development including analysis, modeling, design, administration and maintenance of Oracle Database systems on both UNIX and NT platforms.
* Strong work experience in Oracle Database (10g/9i/8i). SQL, PL/SQL, Stored Procedures, Functions, Ref Cursors, Constraints, Triggers, Indexes, Views, Inline Views, Export/Import Utilities.
* Performance optimization on the data and consumption layer in Teradata.
* Experience in using  Teradata  tools and utilities like BTEQ,SQL Assistant, Teradata Manager, Teradata  Workload Analyzer , Teradata Visual Explain , Teradata  Index Wizard.
* Designed, developed, tested and supported Extract, Transform and Load (ETL) processes necessary to load and validate data warehouse using UNIX shell scripting.Experience with dimensional modeling using star schema and snowflake models
* Experience in writing UNIX korn shell scripts to support and automate the ETL process.
* Expertise in analyzing business requirements and converting business requirement into code.
* Extensive knowledge of creating Business Requirement and Technical Document.
* Expert in Coding Teradata SQL, Teradata Stored Procedures, Macros and Triggers.
* Experience in development, working with Data Migration, Data Conversion and Extraction/Transformation/Loading using client specific tool with Oracle.
* Written technical design documentation (e.g. data flow diagrams, mapping documents, etc) for application maintenance.
* Exceptional experience in dealing with various databases like Oracle, DB2, SQL Server, MS Access, and Flat files.
* Excellent communication and interpersonal skills. Ability to work effectively as a team member and individually.
* Good understanding of Banking, Health care and Financial Industry.

**Technical skills:**

* **BI/Reporting Tools**: SQL, , ETL Informatica, Teradata , Tableau, Hyperion,SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS)SQL Server Analytical Services, (SSAS) Data Transformation Services (DTS), Visual Studio, BIDS, Power BI.
* **Database**: Oracle 10g/11g/12c, SQL Server, MS Access.
* **Scripting Language's:** SQL, UNIX Shell Scripting, JQuery, AJAX, JSON.
* **GUI:** Oracle Forms 6i/9i/10g and Reports 6i/9i/10g and VBA.
* **Programming Languages:** C, C++, PLSQL, HTML, CSS, JavaScript, CORE JAVA.
* **Tools:** SQL Developer, PL/SQL Developer, TOAD, SQL plus, WinSCP, Putty, firebug.
* **Application Packages:** MS Office and MS Visio, MS Excel, MS Outlook.
* **Operating Systems:** Windows 10, Windows 7, Windows Vista, XP, UNIX, Linux.
* **Versioning Systems:** Tortoise SVN and GIT

**Professional Summary**

**ETL PL/SQL Developer April 2016 - Till Date**

**Department Of Information Technology and Telecommunications(DOITT) ,NY**

Responsibilities:

* Actively participated in gathering Business Requirements and System Specification from system users.
* Created tables, views in Teradata, according to the requirements.
* Provided architecture/development for initial load programs to migrate production databases from Oracle data marts to Teradata data warehouse, as well as ETL framework to supply continuous engineering and manufacturing updates to the data warehouse.
* Responsible for designing ETL strategy for both Initial and Incremental loads.
* Design, Develop ETL process and create UNIX shell scripts to execute Teradata SQL, BTEQ, jobs.
* Used extensively Derived Tables, Volatile Table and GTT tables in many of the ETL scripts.
* Cleanse the source data, Extract and Transform data with business rules, and built reusable mappings, using Informatica PowerCenter Designer. Involved in emergency code changes and data changes in production by using problem ticket.
* Involved in Migration process 11g to 12c.
* Developed PL/SQL procedures to pull the data from the distributed systems.
* Created tables, synonyms, sequences, views, Constraints, Index (B Tree, Bitmap and function based).
* Created and modified several UNIX shell Scripts according to the changing needs of the project and client requirements.
* Worked as part of the development team, along with the Systems Analysts/Business Analysts
* Involved in monthly releases for different applications.
* Involved in Developing and handling the PL/SQL Packages, Procedures and Database Triggers.
* Optimized and modified the triggers, complex store functions, user base data type etc.
* Involved in tuning of SQL queries by using quest central tools and manual by EXPLAIN PLAN.
* Effectively made use of Table Functions, Indexes, Table Partitioning, Collections, Analytical functions, Materialized Views, Query Re-Write and Transportable.
* Involved in unit testing and integrated testing and resolving production problems for the applications.
* Prepared root cause analysis for problems occurred.
* Experience of using Pac2000 for tracking the problem tickets and creating them.
* Extensively used SQL Loader to load the data from the flat files to the database and validated the data with the PL/SQL procedures
* Defined database requirements and designed data model. Tuned complex stored procedures for faster execution and developed database structures according to the requirements
* Integrated the mailing system to alert various group on the status of data pulls and data processing.

Environment: Oracle 11g/12c, UNIX, Toad, SQL Developer, Putty, ER-Win, MS Excel

**ETL PL/SQL Developer**

**Department of Education (DOE), NY Aug 2014 to March 2016**

Responsibilities:

* Worked extensively with Business User to gather requirements and implemented those using Stored Procedures.
* Reduced Teradata space used by optimizing tables - adding compression where appropriate and ensuring optimum column definitions.
* Developed processes on both Teradata and Oracle using shell scripting and RDBMS utilities such as Multi Load, Fast Load, Fast Export, BTEQ (Teradata) and SQL\*Plus, SQL\*Loader (Oracle).
* Handled workload management using Priority Scheduler & Teradata Dynamic Query Manager and Teradata Manager.
* During migration phase, modified the existing SQL Server code to provide the same functionality of baseline application (running on client server architecture).
* After completion of the migration phase, involved in a team to prepare the Unit testing test cases and also executed all the unit test cases to ensure a bug free development.
* Worked in tuning jobs those are taking high elapsing time after migration. The application team reported more than 90 jobs, taking high time to execute after the database and application migration/up gradation. Worked with High Transaction volume data to increase the Performance of stored procedures Using Explain plan and Hints.
* Extensively worked in developing PL/SQL Stored Procedures, Packages, Cursors and Triggers to implement business rules into the application.
* Worked on deploying the code using the version controls tool.
* Ensured all artifacts complied with corporate SDLC Policies and guidelines.
* Written PL/SQL scripts to create new tables and their corresponding database triggers, sequences, synonyms, indexes, and constraints.
* Designed Oracle tables, views, synonyms for the application.
* Worked with QA team to design test plan and test cases for User Acceptance Testing (UAT).
* Fixing of various performance issues identified by the end users and testing team.
* Developed Views which were used for reporting purpose.
* Modified and debugged several PL/SQL programs for performance tuning using techniques like EXPLAIN PLAN and DBMS\_PROFILER
* Created B Tree indexes, Function based indexes, Bit Mapped Indexes on Tables, columns to minimize query time and achieve better performance

Environment: Oracle 11g, SQL, PL/SQL, SQL developer, TOAD, UNIX, Perl, Forms 10g, Reports 10g, Windows 7 and SQL Plus.

**Oracle PL/SQL Developer**

**Paychex Inc , New York Nov 2012 to Jun 2014**

Responsibilities:

* Coordinated with the front-end design team to provide them with the necessary stored procedures and packages and the necessary insight into the data.
* Involved in the continuous enhancements and fixing of production problems.
* Developed PL/SQL triggers and master tables for automatic creation of primary keys
* Involved in the creation of database objects like Tables, Views, Stored Procedures, Functions, Packages, DB triggers, Indexes using oracle tools like Toad, PL/SQL Developer and SQL plus.
* Created scripts to create new tables, views, queries for new enhancement in the application using TOAD.
* Created indexes on the tables for faster retrieval of the data to enhance database performance.
* Involved in data loading using PL/SQL and SQL Loader calling UNIX scripts to download and manipulate files.
* Extensively involved in using hints to direct the optimizer to choose an optimum query execution plan.
* Used Bulk Collections for better performance and easy retrieval of data, by reducing context switching between SQL and PL/SQL engines.
* Created records, tables, collections (nested tables and arrays) for improving Query performance by reducing context switching.
* Extensively used the advanced features of PL/SQL like Records, Tables, Object types and Dynamic SQL.
* Handled errors using Exception Handling extensively for the ease of debugging and displaying the error messages in the application.
* Performed POC using Python to automate manual processes involved in the application flow.

Environment: Oracle 10g, Oracle developer suite, PL/SQL Developer, UNIX Shell Scripting, Toad, SQL PLUS.

**SQL Developer**

**InfoTech, Hyderabad, INDIA. Jul 2010 - Oct 2012**

Responsibilities:

* Worked as a developer on MS SQL Server 2008, MS Access databases (using DTS, T-SQL, scripts, stored procedures and views).
* Designed and implemented Stored Procedures and Triggers for automating tasks.
* Optimize SQL queries for improved performance and availability.
* Worked with Quality assurance to develop test plans and test cases to conduct system testing.
* Involved in performance tuning of the database and T-SQL queries.
* Created Custom ETL packages using SSIS 2008 and develops and unit test SSIS load processes for

performance check.

* Created tables for data ware housing applications and populated the tables from the OLTP database using DTS packages.
* Involved in creating SSIS jobs to automate the reports generation, cube refresh packages.

Created and scheduled SQL jobs to run SSIS packages on a daily basis.

* Managed upgradation of DTS packages to SSIS packages.
* Identified and worked with Parameters for parameterized reports in SSRS.
* Used Database Maintenance Wizard to make necessary changes and to keep the performance of the server at acceptable levels.
* Responsible for ongoing maintenance and change management to existing reports and optimize report performance in SSRS-2008.
* Used Reporting objects like Tabular, Matrix, Sub Reports, Parameterized reports using SSRS 2008.
* Maintained the table performance by following the tuning tips like normalization, creating indexes and collect statistics.

Environment: MS SQL SERVER 2008/2005, Microsoft Business Intelligence Development Studio (BIDS),

SSIS, SSRS, DTS, OLTP, OLAP, XML, SQL Server Profiler, ADO.NET, Visual Source Safe (VSS).