**Nishitha**

**Oracle PL/SQL Developer**

**PROFESSIONAL SUMMARY**

* Around 5 years of experience in **analysis, design, documentation and development of custom applications using Oracle SQL and PL/SQL.**
* Involved in all phases of the SDLC (Software Development Life Cycle) from analysis, design, development, testing, implementation and maintenance with timely delivery.
* Worked with query tools like Toad, PL/SQL Developer.
* Rich Experience in developing **PL/SQL Stored Procedures, Functions, Packages, Database Triggers and other features like Cursors, Collections, Exception Handling**
* Good hands on experience in creation of **database Objects, Tables, Views, Constraints,** **Indexes, Synonyms**.
* Experience in advanced PL/SQL concepts like Bulk collect, Multi Table insert, PL/SQL table, Cursors, Nested tables, V arrays, Records, Types and Dynamic SQL for DML operations for better performance.
* Experience in writing **UNIX** **Shell** **Scripts** and other related tools and techniques in Oracle Database.
* Worked on various stages in SDLC, used **waterfall** **model** in majority of projects.
* Ability to implement **agile methodology** as per constraints and business needs.
* Good knowledge into DBA routine tasks like managing users, roles, privileges, schema and objects, developing PL/SQL triggers for user access audit. Conducted Oracle database and SQL code tuning to improve performance of the application.
* Experience in performance tuning and Query optimization using various types of Hints, Partitioning, Bulk techniques and Indexes.
* Extensively worked in Client- Server application environment using oracle 11g on Windows and profound knowledge on 11g, SQL\*plus, developer and data migration using SQL\*loader.
* Good understanding **of Data modeling conc**ept**s ER Diagrams, UML, Use Cases, Normalization** and De-normalization of Tables.
* Experience in Data migration from **Flat files/MS Access/SQL Server** to Oracle using **SQL loader**.
* Experience in analyzing **Business Requirement Documentation (BRD)**, **Requirement Traceability Matrix (RTM)**.
* Involved in **Unit testing** and fixing the problem that occurred in **UAT (User Acceptance Testing)**.
* Refined **conceptual systems design** requirements into technical design and Involved in review and **Gap Analysis** of Functional Requirement documents.
* Working Knowledge on Oracle 12c.
* Strong Analytical, Inter-personnel, Problem-solving and can work under pressure.

**TECHNICAL SKILLS:**

**Programming Languages**: SQL, PL/SQL, UNIX scripting, Java, C, C++, Asp.net

**Web Technologies**: HTML, CSS, and XML

**Database:** Oracle 9i/10g/11g (SQL, PL/SQL, Stored Procedures, Triggers), MS SQL SERVER 2005/2008/2012.

**Tools:** PL/SQL Developer, SQL Navigator, SQL\*Developer, SQL Tools, Data Transformation Services, Discoverer BI Publisher, SSIS, SSRS, SSAS , Informatica 9.1.

**Data Modeling**: Erwin 3.5.2, 4.0

**Oracle Tools**: Reports 6i/9i, Forms 6i/9i, XML Publisher.

**DB Utilities**: SQL plus, SQL Loader, Toad.

**Operating Systems:** UNIX, Windows 98/NT/2000/XP.

**PROFESSIONAL EXPERIENCE**

**Project: Cigna Healthcare - Edison, NJ Sep 2016 – Current**

**Role: Oracle PL/SQL developer.**

**Responsibilities:**

* Creation of database objects like tables, views, materialized views, procedures and packages using oracle tools like Toad, PL/SQL Developer and SQL\* plus.
* Extensively used SQL Loader, external tables to load into oracle.
* Extensively worked on cursors, SQL joins (inner join, outer join), views, packages, procedures, functions.
* Strong knowledge in cursors, records, Ref Cursors, Varrays, nested tables, Bulk Processes (DML), Merge, Dynamic SQL (DDL), Exception handling.
* Implemented PL/SQL advanced topics like Bulk collect, Ref cursors and collections, UTL\_FILE to read and write the files.
* Used IMPORT and EXPORT utilities and HINTS for performance tuning the queries.
* Optimized lot of SQL statements and PL/SQL blocks by analyzing the execute plans of SQL statement and created and modified triggers, SQL queries, stored procedures for performance improvement.
* Handled errors using Exception Handling extensively for the ease of Debugging and Displaying error message in the application.
* Involved in creation of various indexes on tables like B-Tree, Bitmap, Function-Based.
* Used UTL\_FILE\_PACKAGES for writing DBMS\_OUTPUT into the files.
* Worked on SQL\*Loader to load data from flat files obtained from various facilities every day
* Worked on Table partitioning and Index creation to improve the performance of the query.
* Developed PL/SQL triggers and master tables for automatic creation of primary keys.
* Extensively used the advanced features of PL/SQL like Records, Tables, Object types and Dynamic SQL.
* Developed PL/SQL packages for generating various feeds from oracle database using UTL\_FILE utility in the client’s secure data transmission server.
* Extensively utilized TOAD for performance tuning by generating Explain Plans.
* Participate in requirements review, application design review and test plan reviews
* Performed Unit testing and worked with Quality Centre along with the testing team.

**Environment:** Oracle 11g , SQL, PLSQL, SQL Developer, Toad, PL/SQL Developer,  SQL \*Plus, SQL Loader, Toad, Unix, Windows 2007.

**CDW, Chicago, IL Jun 2015 – Aug 2016**

**Role: Oracle PL/SQL Developer**

**Responsibilities:**

* Analysis and gathering of new business requirements from the business resources.
* Extracting and Loading inventory data from various systems by using PL/SQL packages and procedures.
* Bulk upload /extract of data from databases using adhoc procedures.
* Developed PL/SQL routines for daily checks and automated them on windows scheduler.
* Created temporary tables and materialized views on Oracle Database.
* Performance tuning of SQL queries using Explain Plan to generate efficient monthly and quarterly reports.
* Developed PL/SQL Functions in-order to get hierarchy of locations.
* Extensively used tools like Oracle SQL Developer and Toad to generate PL/SQL programs.
* Created and maintained Database Objects (Tables, Views, Sequences and stored procedures).
* Involved in debugging and Tuning the PL/SQL code, tuning queries, optimization for the Oracle database.
* Extensively used PL/SQL Collections, BULK Collect, Table Types, And Record Types, UTL\_FILE .
* Wrote complex stored procedures and packages.
* Created various Function Based Indexes to significantly improve performance.
* Extensively used Bulk Collections to insert and update huge amount of data into target databases.
* Created UNIX shell scripts to automate data loading, extraction and to perform regular updates to database tables to keep in sync with the incoming data from other sources.
* Experienced in handling all XML specific storage models (Structured, Unstructured - Schema Based and Binary XML-11g ).
* Converted reports to browser supportable XML format.
* Executed XML structures coming from the file which is processed from MQ Messaging Queue.
* Used SQL\* Loader to load csv files on to database’s temporary tables.
* Optimized SQL to improve query performance using PL/SQL Developer.
* Supporting CDW Services whenever there are any production issues.

**Environment:** Oracle 11g , SQL Developer, PL/SQL Developer, XML , Toad, Unix, Shell scripting, Windows 2007, MS- Excel 2013.

**TJ Max, Framingham, MA                                                          Feb 12 - Dec 14**

**Role: Oracle PL/SQL Developer**

**Responsibilities:**

* Worked from offshore, involved in analysis, design, coding, and implementation.
* Involved in creating Database Design (Physical and logical) as per the requirement given by business
* Worked on Erwin Data Modeler for mapping both user-defined and default data types
* Developed PL/SQL packages, procedures, functions, materialized views, SQL Scripts and triggers to populate the historic data in the tables applying business logic
* Wrote Package containing several Procedures and Functions in PL/SQL to validate before loading into Application database.
* Worked on sequences, functions, synonyms, indexes, triggers, packages, stored procedures, roles and granting privileges on OLTP server.
* Involved in Creation of tables, Partitioning tables, Join conditions, correlated subqueries, and nested queries, views for the business application development.
* Created temporary tables and developed SQL\*Loader control files to load the legacy data into the temporary tables.
* Wrote Materialized views and complicated queries using SQL.
* Involved in writing SQL queries (Subqueries and Join conditions), PL/SQL programming.
* Used the advanced features of PL/SQL like collections, nested table, array & Dynamic SQL.
* Merged data files coming from the customer into the existing data warehouse.
* Written the SQL Queries to Data Retrieval Tool
* Wrote SQL sub-queries with join conditions and PL/SQL scripts
* Involved in performance tuning of SQL queries and Created indexes on tables and optimizing

Stored procedure queries

* Design and developed the scripts to create table, views, indexes and sequence.
* Used UNIX scripting to automate the process by using CRONTAB.
* Extensively involved in tuning the queries and applying hints for faster and better performance of the SQL queries.
* Created the Shell Scripts to automate the execution of the PL/SQL subprograms and to move the data to store in historical folders.
* Used FTP to transfer the files into different servers as needed by the business users.
* Created the test scripts and complex queries to test the timesheet application and to quality assurance of the data.
* Involved in the generation of User Interface using oracle forms by extensively creating forms as per the client requirements.
* Involved in preparing test plans, unit testing, System integration testing, implementation and maintenance.
* Involved in preparing functional document, user document, process flow diagram and flowcharts.

**Environment:** Oracle 10g, PL/SQL, SQL\* Plus, SQL \* Loader, SQL \* Navigator, Oracle forms 10, TOAD, Erwin r4, SQL Server 2008, UNIX, Windows, MS Visual Studio.