**Oracle SQL/PLSQL and Performance Tuning Developer**

**Vimala Revanuru**

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**OBJECTIVE**

 To work in a dynamic, challenging environment and to significantly contribute to the organization’s objectives, this will help to grow along with the organization with the attribute of the time, quality and discipline.

**PROFESSIONAL SUMMARY**

* 7.5 Years of programming experience as an Oracle PL/SQL Developer in Analysis, Design and implementation of Business Applications using the Oracle Relational Database Management System (RDBMS).
* Experienced with Advanced knowledge of Oracle SQL, PL/SQL and Performance tuning.
* Experienced in creating and maintaining Database Objects like Tables, Views and Materialized views, Indexes, Constraints, Sequences, Synonyms and Database Links and Wrote complex PL/SQL subprograms, packages, procedures, functions and DB triggers to implement the business logic.
* Experienced in Tuning application using Advanced PL/SQL (Analytical Functions, PL/SQL tables, Record type, Bulk Collects).
* Experienced in developing stored packages, procedures, functions, triggers, views and used bulk collection and v-arrays in programming using Pl/sql Developer tool and SQL developer tool.
* Effectively made use of Table Functions, Indexes, Collections, Analytical functions, Materialized Views, Query Re-Write.
* Proficient in advance features of Oracle 11g for PL/SQL programming like Using Records and Collections, Ref. Cursors and Dynamic SQL.
* Experienced in SQL\*Loader.
* Experience with Performance Tuning for Oracle RDBMS using Explain Plan and HINTS
* Experience in SQL and PL/SQL tuning and query optimization tools like Explain Plan, and SQL trace, tkprof and AWR and ADDM reports.
* Expertise in handling errors using Exceptions.
* Good communication, quantitative, analytical skills and ability to work either individually or as a member of a team.

**TECHNICAL SKILLS**

Programming Languages : SQL,PL/SQL, Performance tuning.

Databases : Oracle 12c

Development Tools : PL/SQL developer, Putty, Tortoise SVN, GIT

DB Performance : ASH Viewer, AWR Reports in Oracle Database.

**EDUCATION**

**Name of the Education Establishment:** RAJIV GANDHI COLLEGE OF ENGINEERING RESEARCH AND TECHNOLOGY

**College:** RAJIV GANDHI COLLEGE OF ENGINEERING RESEARCH AND TECHNOLOGY

**Degree :** B.Tech

**EXEPERIENCE**

**October 2018 - till date**

**Software Engineer**

**EPAM Systems Private limited**

Working with EPAM Systems Private Limited as Software Engineer in oracle sql,pl/sql and performance Tuning. Performing functional and technical work within the projects.

**October 2016 – September 2018**

**Associate Consultant**

**Virtusa Polaris Consulting Services Private Limited**

Working with Virtusa Polaris Consulting Servicesas an Associate Consultant in oracle sql,pl/sql. Performing functional and technical work within the projects.

**March,2013 – September 2016**

**System Engineer**

**TATACONSULTANCYSERVICES,Hyderabad**

**(Kohinoorpark– kothaguda,Hyderabad 04066675866 , www.tcs.com)**

Working with TATA Consultancy Services as a System engineer in oracle sql,pl/sql. Performing functional and technical work within the projects, with an experience of 3.5 **Years**.

**PROJECT DETAILS**

**Project Title : Change Healthcare**

**Client :** Change Healthcare

**Company :** EPAM Systems Private Limited.

**Domain:** Healthcare

**Role :** Team Member(Developer)

**Team size :** 4

**Technology:** SQL, PL/SQL , Performance Tuning, AWR and ADDM Report generation and analysis.

**Duration :** October 2016 to Till date

**Roles and Responsibilities:**

* Responsible for generating AWR & ADDM reports from Oracle database and analysed the reports for Oracle wait events, time consuming SQL queries, tablespace growth, database growth.
* Involved in SQL Query tuning and provided tuning recommendations, time/CPU consuming queries.
* Used Explain Plan, Oracle hints and creation of new indexes and index rebuild to improve the performance of SQL statements.
* Created a purge script to remove more than one year old data
* Responsible for creating bulk test data for performance testing purpose.
* Develop database functions, scripts, stored procedures and triggers to support application development.
* Provide technical assistance to resolve all database issues related to performance.
* Perform root cause analysis on failures. Resolve performance tuning related issues and queries.

**Project Title : EOasis (Citi Private Bank)**

Citi Private Bank is a subsidiary of multinational banking conglomerate Citi group,markets private banking services for wealthier clients, including entrepreneurs and senior corporate executives. eOASIS provides a common platform to cater to the needs of the Credit Services and Control(CSC) Unit of the Citigroup Private Bank - Asia Pacific.

**Client :** Citi Private Bank

**Company :** Virtusa Polaris Consulting Services Private Limited.

**Domain:** Banking

**Role :** Team Member(Developer)

**Team size :** 4

**Technology:** SQL, PL/SQL , Performance Tuning,Unix Shell scripting, Microsoft Visio, Tortoise svn.

**Duration :** October 2016 to Till date

**Roles and Responsibilities:**

* Understanding and analyzing the business requirements by reading the BRD (Business Requirement Document) and providing estimates.
* Responsible for writing of test cases and execution that would test the new as well as existing functionality thus ensuring the end-to end delivery of the project.
* Developed Complex SQL queries using various joins and developed various dynamic SQL’s thorough out the module.
* Utilized PL/SQL developer tool in developing all back end database interfaces.
* Worked on SQL query tuning and performance improvement.
* Used Collection objects, ref cursor, and bulk collect, aggregate functions while writing SQL Queries.
* Preparing Release Notes and Run order of what are the new mappings and the scripts to be executed and placed in the UNIX directories.
* I have implemented reusable components as part of GDPR data masking which significantly reduced the operation cost and effort which lead to high customer satisfaction.
* Performance tuned using PL/SQL and reduced the Processing time from 3 hours to 1 hour by using bulk collect and FORALL programming features to process the data with effective performance and fixed the bottle necks for the existing processes by creating appropriate indexes.

**Project Title : Sales and Marketing (Group Client-XEROX)**

The U.S. Marketing Customer Knowledge Base is an Oracle based system that serves as a centralized repository of customer, non-customer, and equipment information. MCKB information is used by various Xerox business organizations for sales, marketing, reporting, analytical, territory assignment, compensation, and planning purposes. Sources of data are primarily purchased, derived, fed, or directly updated into the system. MCKB interfaces with various systems, and data can be accessed through several marketing tools and applications.

**Client :** Xerox Corporation US

**Company :** Tata Consultancy Services

**Domain:** Hi Tech

**Role :** Team Member(Developer)

**Team size :** 5

**Technology:** SQL, PL/SQL , Unix Shell scripting, Microsoft Visio, Tortoise svn, Performance tuning, SQL Trace,tkprof.

**Duration :** August 2013 to September 2016

**Roles and Responsibilities:**

* Understanding and analysing the business requirements by reading the BRD (Business Requirement Document) and providing estimates.
* Documenting the High level design and Low level design for each and every

 RFA (Request for Action).

* Responsible for writing of test cases and execution that would test the new as well as existing functionality thus ensuring the end-to end delivery of the project.
* Preparing Release Notes of what are the new mappings and the scripts to be executed and Placed in the UNIX directories.
* Developed Complex SQL queries using various joins and developed various dynamic SQL’s thorough out the module.
* Written triggers to track auditing changes on tables.
* Used Pragma Autonomous Transaction to avoid mutating problem in database triggers.
* Used Collection objects, ref cursor, and bulk collect, aggregate functions while writing SQL Queries.
* Utilized SQL\*Loader and External tables to load flat files to database tables.
* Utilized PL/SQL developer tool in developing all back end database interfaces.
* Worked on SQL query tuning and performance improvement.
* I have automated the data loading and enriching data process which significantly reduced the operation cost, effort and which lead to high customer satisfaction.