Anusha D

Senior Oracle Developer

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**PROFESSIONAL SUMMARY:**

* **Around 9 years** of programming experience as an **Oracle PL/SQL Developer** in Analysis, Design, Data Modeling (Logical and Physical), and Implementation of Business Applications using the Oracle Relational Database Management System**(RDBMS)**
* Strong Experience in Interface programs to import data from legacy systems and excellent skills in writing PL/SQL **stored procedures**, **functions**, **packages,triggers and cursors**.
* Proficient in Oracle Tools such as **TOAD 10.6, SQL \* Loader, Oracle SQL Developer** and Oracle utilities like **DBMS\_PIPE, UTL\_FILE, Exp, Imp and Data pump**.
* Extensively worked in Reports and writing Stored Procedures, Packages and Triggers.
* Used Exception Handling extensively for the ease of debugging and displaying the error messages in the application. Handled Production issues with high pace and efficiency. Optimized existing queries for better performance and less impact on database.
* Strong knowledge in Oracle Cursor management, Exception Handling and also experience in performance **tuning** (PL/SQL) using **SQL Trace**, **ExplainPlan**, **TkProf**, **Indexing and Hints** and Optimizing the oracle reports.
* Used **Ref cursors and Collections, Bulk Collect and Bulk Binding** for accessing huge volume of data.
* Strong experience in Loading data into database tables using **SQL\*loader and ETL** from flat files.
* Expertise in data modeling, Normalization, database design, data loading, data retrieval, modification, and archival techniques.
* Implemented the business rules in writing Oracle PL/SQL functions and procedures and Wrote Queries to retrieve data in XML format from the tables.
* Proficient in Oracle database creation, table space management, creating database links, schemas, profiles and roles, managing control, redo log and data files.
* **24/7 Production Database Support & Maintenance.**
* Worked with the users to identify the business requirements and integrated them into the front-end applications and coordinating the Off-shore team.
* A Self-starter with a positive attitude, willingness to learn new concepts and accept challenges. Excellent analytical and problem-solving skills and can work independently.
* In addition to excellent technical abilities possesses strong oral and written communications skills, analytical and interpersonal skills.

**TECHNICAL SKILLS:**

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| --- | --- |
| Operating Systems | Windows XP/NT/2000, 98/95/Vista, DOS, Solaris 10, Unix, Linux. |
| Database | Oracle 11g,10g, 9i, 8i, 7.x, MS Access and SQL Server 2000,2005. |
| Programming languages | ANSI C, C++, SQL, PL/SQL programming. |
| Database Tools | Toad, PLSQL Developer, SQL Navigator, SQL Tools, Erwin. |
| Utilities | UTL\_FILE, DBMS\_PIPE, Exp, Imp and Data pump. |
| Web Technologies | HTML, XML. |
| Script Languages | Shell, Perl scripting. |
| Others | Object Oriented Designing Methodology, UML, RDBMS Concepts, and ETL. |

**WORK EXPERIENCE:**

**ADESA**  **Apr ‘16 – Till Date**

**Carmel, Indianapolis**

**PL/SQL Developer**

**Description:** ADESA is a leading provider of vehicle remarketing services and has a full range of auction, reconditioning, logistical and related services. Data is periodically received from various methods of transmission and it is from these raw data feeds that the Oracle structures are populated. The process of taking the raw data in whatever format it is transmitted and Extracting, Transforming and Loading it into the Oracle structures accessed by the application is referred to generally as Publishing… i.e., moving the raw data into a form visible by the application and to its users.

**Responsibilities:**

* Worked within the business intelligence team on existing project modules to identify where improvements need to be made in order to support new requirements and/or more efficiently support existing functionality.
* I developed validation module to validate the data in four levels.
* The validation module is a **PL/SQL** package consists of several functions completely code with dynamic **SQL**.
* Used Informatica Power Center 9.6.1 for extraction, transformation and load (ETL) of data in the data warehouse.
* I developed a package to log all the errors in any of the function or procedure fails.
* Created Custom Triggers, Stored Procedures, Packages and SQL Scripts.
* Developed Database Triggers to audit the sensitive data of the table along with user information and to enforce complex business rules.
* Developed SQL \*Loader scripts to load data in the Staging tables.
* Wrote Procedures and database triggers for the validation of input data and to implement business rules Developed several sql reports for the Business Users to check the post processing rules.
* Extensively used TKPROF, EXPLAIN PLAN get the statistical data for the performance tuning of the SQL queries and stored procedures.
* Developed several functions such as identify the afs treatment type, identify effective maturity, update last record indicator, delete month end data, BEEL calculation and Update amount for each product, identify latest status date for each inspection, transaction and risk rating code etc.
* Testing all PL/SQL code for logic correction and Coordinating the offshore team and Production Support for the current Application.
* Performed Unit testing on queries and reports.

**Environment:** ORACLE 11g (SQL, PL/SQL), SQL\*Loader, ETL, PL/SQL Developer, UNIX shell scripts.

**Devon Energy Sep ’14 – Mar ‘16**

**OKC, OK**

**PL/SQL Developer**

**Devon** is one of the top 10 public independent oil and gas producers based in the United States. It is one of the world's leading independent oil and gas exploration and Production Company. Devon also owns gas pipelines facilities in many of their producing areas. Devon's operations are focused primarily in the United States and Canada. The company's portfolio of oil and gas properties provides stable, environmentally responsible production and a platform for future growth.

**Responsibilities:**

* Involved in Requirement gathering and writing **Functional** and **Technicaldocuments.**
* Created new Tables, Indexes, Synonyms and Sequences needed as per new requirements.
* Created materialized views, Inline Views & normal viewswhere business requirements needed.
* Loading data into database tables using SQL\*loader and ETL from flat files.
* Used Informatica Power Center 8.6v for extraction, transformation and loading (ETL) of data in the Data Warehouse.
* Tune the SQL queries and complex proceduresto improve performance.
* Created database **triggers** for data security & Consistency.
* Developed **procedures, functions** and **packages** for new requirements.
* Developed **SQL\*loader** scripts to load data from various forms of flat files into staging tables in Oracle database using shell scripts.
* Developed packages for processing data in the staging tables according to the Clients requirements.
* Implemented **Advanced PLSQL** Concepts for better performance of PLSQL Applications.
* Developed and created various scenarios for testing the code.
* Debugged existing code for business logic issues.
* Used **UTL\_FILE** package for writing **DBMS\_OUTPUT** messages to file.

**Environment:** Oracle11g, SQL, PL/SQL, SQL\*Plus, SQL\*Loader, ETL, Java, SQL Navigator, Sub Version, Mercury Quality Control, UNIX.

**NEWCORP Dec ’13 – Aug ‘14**

**Chesterfield, VA**

**Database Developer**

**Responsibilities:**

* Involved in analyzing the system and business.
* Tuned the SQL Queries to improve the system **performance.**
* Developed **complex SQL queries** for generating reports of various modules.
* Involved in analyzing and validating **data migrations** from the old system to highly relational database system.
* Developed ETL process (Extraction, Transformation and Loading of data into Data warehouse).
* Developing Data Extraction, Transforming and Loading (ETL) mappings and scripts using Informatica Power Center 8.1v using Design.
* Involved in writing complex queries for the project as required using **Toad** and **Oracle SQL Developer.**
* Used **Advanced PLSQL concepts like Bulk collect**, **pl/sql tables** and **Dynamic SQL** for DML operations for better **performance.**
* Used **SQL\*LOADER** for loading **full** and **delta** files of candidate details.
* Used oracle **XML Functions** in **SQL Queries** to generate data in hierarchal structure.
* Modified and Debug the **Functions, Procedures and Triggers** as per the requirement
* Involved in **Bug Fixing** and **Unit and Integration Testing**.
* Involved in the restructuring and fine tuning of the existing **SQL** Queries according to the new requirement.
* Used **SQLHINTS** whenever required for better performance of queries.

**Environment:** Oracle 11g/10g, Toad, Oracle SQL Developer, ETL, SQL\*LOADER, UNIX,

Windows XP.

**AEP (American Electric Power) Jun ‘12 – Nov ‘13**

**Columbus, OH,**

**Oracle Developer.**

**Responsibilities:**

* Requirements gathering from the existing applications and end users and work with the Architects and Tech Leads for architecting the product as per the business requirements
* Creating data mapping documents and business rule documents from source to target. Creating technical design documents based on requirements from user cases and mapping documents for data migration.
* Coding (Oracle, PL/SQL, Advanced SQL), Unit testing the application on Oracle 11g database. Handling of errors by using Exception Handling.
* Suggest and implement various technical and performance improvements in the system.
* Rewrite the existing old PL/SQL packages into new oracle 11g database and utilize new features to improve the current application performance.
* DBMS developments include building data migration SQL scripts. Complete involvement in System Testing. Involved in writing Unit Test Cases by taking Business Rules as main objectives and as well as preparation of System Test Case documents which can be delivered to Clients.
* Created several external tables for the regular feed for application.
* Created/Modified UNIX scripts as needed for the current production system.
* Production support for the current application and fix/rewrite the PL/SQL code if any ticket assign from users.

**Environment:** ORACLE 11g (SQL, PL/SQL), SQL\*Loader, PL/SQL Developer,

UNIX shell scripts.

**Kaiser Permanente Jul ‘11 - May ‘12**

**Pasadena, CA**

**PL/SQL Developer.**

**Responsibilities:**

* Interacted with Business Analysts and Users in requirement gathering.
* Responsible for writing and modification of PL/SQL stored procedure, functions, packages andDatabase triggers.
* Translated user requirements into data flows, detail technical specifications and database requirements.
* Developed, modified, and optimized complex queries for data retrieval and modification.
* Optimized and Tuned SQL Queries by running Explain plans.
* Used advanced PLSQL concepts like Bulk collect, pl/sql tables and Dynamic SQL for DML Operations for better performance.
* Created tables with complex constraints applicable to the business rules.
* Developed Unix Kshell scripts to extract data from the Production database &amp; refresh the data
* warehousing application on a daily basis.
* Created tables, Tablespaces, schemas, views, packages, stored procedures, triggers, functions etcusing TOAD.
* Wrote control files for data loading using SQL\*Loader.
* Wrote UNIX shell scripts for automating regular data loading jobs.
* Interacting with the users and troubleshooting the problems involved with the development of stored
* procedures, triggers and with the privileges.
* Involved in developing scenarios for Unit, Integration testing to ensure that all the components workcorrectly when integrated.
* Involved in Production Support and troubleshooting data quality and integrity issues.

**Environment:**Oracle8i/10g, SQL, PL/SQL, SQL\*Plus, SQL\*Loader, Java, Toad 9.5, Linux, Unix.

**Global Trust Bank   Oct ‘10- Jun ’11**

**Mountain View, CA**

**Oracle Developer.**

The system has centralized database to maintain all relevant information regarding Credit Information. The transaction data will be ported to this centralized database from the branches either through data import or through manual entry. The system allows the user to generate various kinds of reports and queries.

**Responsibilities:**

* Incorporating all the build rules, writing the code using SQL\*PLUS, PL/SQL.
* Used **SQL\* Loader** to load data into different tables.
* Mapping Operational Repository to Business Repository elements and incorporating the build rules.
* Extensively used PL/SQL for designing **packages, stored procedures, functions** and database **triggers.**
* Extensively used PL/SQL to extract data from different tables with 20 Million records in some of the tables.
* Based on the user selection and finally storing the output as a flat file for further processing for the next module.
* Extensively used SQL & PL/SQL in reports. Cardinalities and Joins were used.
* Incorporated validation rules for promotion history table and updating tables.
* Extensively worked in the performance tuning of the programs, Procedures and processes.
* Generated PL/SQL reporting and Unix Scripts to notify process failure/success.
* Also, my role includes testing the data in addition to re-designing the database. Front end using Forms 4.5 and Reports 2.5.

**Environment:**ORACLE SQL,PL/SQL, SQL\*Plus, Exp, Imp and Windows NT,Linux, Unix Shell scripting, Toad 9.5 etc

**Info Edge Solution Jun ‘09 - Sep ‘10**

**Hyderabad, India.**

**Oracle Developer**

**Responsibilities**:

* Involved in Gathering end user requirements, developed applications and different audit functionalities depending on the requirement acting for both system analysts and application developer.
* Composed user requirement documents, created technical specs and design documents for various projects.
* Generated complex **SQL** queries, sub-queries, co-related sub queries, dynamic SQL queries etc.
* Developed database objects like Tables, Views, Indexes, Synonyms and Sequences.
* Written packages, triggers, stored procedure and functions for the following modules products, catalogue, billing, shipping, rejected material, purchase orders and material receipts.
* PL/SQL coding for Exception Handling and duplicate data maintenance.
* Used Triggers in Customizing Error conditions.
* Developed UNIX Shell Scripts and PLSQL procedures to extract and load data for month-end batch processing.
* Programming using PL/SQL stored procedures, triggers, views, user-defined functions
* Involved in database design, normalization, de-normalization in building data warehouse and reporting systems.
* Worked with several control flow tasks, data flow tasks, transformations (derived column, lookup, merge join, conditional split, slowly changing dimensions, data conversion etc.) in **PL/SQL packages**.
* Used **event handlers** for **event handling** which includes on preexecute, post execute and error.
* Involved in package logging in both standard and custom logging using customer stored procedure and tables.
* Created complex reports like table report, matrix report, cascading report, sub reports, drill down, drill through and chart reports using complex data set queries, stored procedures, views.
* Created adhoc reports more often based on end user requirements export them in Excel.
* Performed daily DBA activities, security assignment, user setup, backup, restore.
* Generated and formatted reports using global variables, expressions and functions.
* Involved in developing parameterized reports using single values, multi values and cascading parameters.

**Environment:** Oracle 10g(SQL, PL/SQL), SQL \*Loader, UTL\_FILE, Oracle forms 6i, oracle Reports 6i and UNIX shell Scripting, Oracle Developer.