**Nishitha Rao**

**Senior Oracle PL/SQL Developer**

**PROFESSIONAL SUMMARY­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­**

* Around8 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 **UNIXShellScripts** and other related tools and techniques in Oracle Database.
* Worked on various stages in SDLC, used **waterfallmodel** in majority of projects.
* Experience in **buildingand customizing forms for developing User Interface, using Oracle Forms 10g/11g.**
* 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, XML

**Database**: Oracle 10g/11g , MS SQL SERVER 2008/2012.

**Tools**: PL/SQL Developer, SQL Navigator, TOAD, SQL\*Developer, SQL Tools, SSIS, SSRS, SSAS, Informatica 9.1.

**Data Modeling**: Erwin 3.5.2, 4.0.

**Oracle Tools**:Reports 10g/11g, Forms 10g/11g, XML Publisher.

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

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

**EDUCATION**

Bachelor of Technology in Computer Science – JNTU – 2009 .

**PROFESSIONAL EXPERIENCE**

**Project: Windstream Communications, Twinsburg, OH. Sept 2016 – Current**

**Role: Senior PL/SQL developer**

**Description:**

Wincare CRM is a customer service portal used by Customer representatives and field technicians of Windstream. It is used to log and track the incidents or issues raised by customers over phone. It contains every incident that customers have reported and its status. It displays customer's account details, Billing Information, Invoices and Network information. Network page provides ability to display and edit device information. Notifications can be sent to customers or within the organization for any outages. Incidents can be tracked based on its area of service such as Phone, Internet and TV.

**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.
* 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.
* 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.
* Designed and developed Oracle forms and reports according to user specification.
* 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, Form Builder 11G, SQL \*Plus, SQL Loader, Toad, Unix, Windows 2007.

**Project: CDW, Chicago, IL. Feb 2015 – Aug 2016**

**Role: Senior PL/SQL developer**

**Description:**CDW is a leading provider of integrated IT solutions. The customers range from small, medium and large business, government, education and healthcare customers by delivering critical solutions to their increasingly complex IT needs. They offer discrete hardware and software products to integrated IT solutions such as mobility, security, data center optimization, cloud computing, virtualization and collaboration. Backend Database of the project is Oracle.

**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.
* Used SQL\* Loader to load csv files on to database’s temporary tables.
* Adhoc bulk loading Inventory items into DB using PL/SQL scripts.
* Involved in the generation of User Interface using oracle forms by extensively creating forms as per the client requirements.
* Used Oracle Forms 11G to create new forms and maintain the existing forms
* Developed various complex SQL queries and views in order to generate crystal reports.
* Optimized SQL to improve query performance using SQL Navigator and PL/SQL Developer.
* Supporting CDW Services whenever there are any production issues.

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

**Tracfone Wireless Inc., Miami, FL Jan ’13 - Feb ’15**

**Role: PL/SQL developer**

**Description:**

Tracfone is one of the biggest prepaid wireless service provider in the US. It has seven brands under its portfolio. The projects covered involved developing Business-to-Business (B2B) Services, and setting up advance queuing for real-time communication.

**Responsibilities:**

* Involved in SDLC gathering requirements, creating detailed Documentation HLD and TDD which includes all Business requirements and technical specifications.
* Developed stored procedures, functions, triggers and packages to facilitate consistent data entry into the database.
* Participated in system analysis and data modeling, which included creating Tables, Views, Materialized Views, Indexes, Synonyms, Triggers, Functions, Procedures, Cursors and Packages.
* Expertise in working with Records, Collections and Dynamic SQL.
* Developed Database Triggers for audit and validation purpose. Used pipelined functions for faster data accessibility. Writing validation packages using PL/SQL package.
* Used advanced Bulk techniques (FOR ALL, BULK COLLECT) to improve performance. Developed Installation scripts for all the deliverables.
* Involved in working with implicit cursors, explicit cursors, and REF CURSORS.
* Experience in using various Oracle PL/SQL collections, Varrays, nested tables, associative arrays with INDEX BY VARCHAR2
* Involved in working on Oracle Pseudo columns and Used several Oracle predefined
* Create various user defined exceptions to control the process based on the business requirement.
* Involved in generating numbers for primary key values using Oracle sequence objects.
* Extensive experience in design, development, and enhancement and managing applications oracle PLSQL.
* Worked interestedly withJAVA teams according to the business specifications.
* Experienced in handling all XML specific storage models (Structured , Unstructured - Schema Based and Binary XML-11g ).
* Developed custom Forms and Reports as per client requirements and making them web enabled using Oracle Reports builder 10g and Oracle Forms builder 10g respectively
* Worked in all deployment processes in QA and Production Environments.
* Handled various errors thrown throughout the integration process and coordinated with the team.
* Involved in scrum meetings, Business requirements meetings.

**Environment:**Oracle 10g, SQL, PLSQL, Windows/UNIX, TOAD, SQL\*Developer, Forms Builder 10g, XML, Erwin.

**TJ Max, Framingham, MA                                                          Oct 11 - Dec 12**

**Role: Oracle PL/SQL Developer**

**Description:**

Point-of-Sale System: This is used for day-to-day retail store transactions and communicating the retail stores with regional store and interacting regional stores with Warehouse and checking daily stock balancing in different stores and warehouse. Checking stock based on the SKU (Stock keeping Unit) number and web orders processing and tracking. Employee information and payrolls, verifying benefits based on employee status (ex: Employee, Contract labor, daily labor etc).

**Responsibilities:**

* 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.
* 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 stored PL/SQL Procedures for reports.
* Involved in Developing and Generating Reports.
* 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.
* 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.
* Developed ETL mappings, transformations using Informatica Power Center 8.1.
* Converted reports to browser supportable XML format.
* 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 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, TOAD, Erwin r4, SQL Server 2008, UNIX,Shell Scripting, Informatica 8.1, C#, MS Visual Studio.

**Harris Bank, Chicago, IL Jun ’09 – Sep 11**

**Role: PL/SQL developer**

**Description:**

Harris is an integrated financial service organization providing more than 1 million personal, business and corporate clients with banking, lending, investing and wealth management solutions. Primary project goal is to create PL/SQL procedures for validating or reconciling various financial transactions, and extracting feeds to send to different customers for internal usage.

**Responsibilities**:

* Analyzed and overviewed the database design for better understanding the relations, associations and dependencies within the database.
* Depending on the business requirements, created and modified database objects like tables, indexes, views, stored procedures, functions, packages, Triggers, synonyms, Materialized views, to make new enhancements or resolve problems.
* Created various SQL and PL/SQL scripts as required.
* Extensively used Cursors, Ref Cursors and Exceptions in developing Packaged Procedures and Functions. Developed SQL and PL/SQL scripts to transfer tables across the schemas and databases.
* Worked on complete SDLC (System Development Life Cycle) including system analysis, High level design, detailed design, coding and testing.
* Developed various complex queries to generate various reports based on the requirements.
* Developed PL/SQL packages for generating various feeds from oracle database using UTL\_FILE utility in the client’s secure data transmission server.
* Developed UNIX scripts for transmitting files from the secure server to the customer specified server, using various FTP batch processes.
* Involved in writing Triggers in various levels like Database level, Table level to track information about users (login, logout information).
* Involved in setting up the DBMS\_JOB package which allows a user to schedule a job to run at a specified time
* Developed UNIX scripts for sending mails to the bank and the business team, when the external feeds to the bank are received.
* Designed and implemented client-server application using Oracle Forms 10g.
* Involved in the generation of User Interface using oracle forms by extensively creating forms as per the client requirements.
* Developed various new reports from scratch utilizing Oracle Reports 10g for day to day validations.
* Involved in creating INDEXES to avoid the need for large-table, full-table scans and disk sorts, and for fast retrieval of data from database objects while generating reports.
* Created complex triggers for generating primary key values and for implementing the complex Business logic.
* Extracted data from the XML files transmitted to the bank and loaded them efficiently into oracle

temp tables for day to day customer financial transaction reconciliation.

* Involved in Bulk loading of data from non-Oracle data sources, flat files using SQL \* Loader.
* Optimized SQL and PL/SQL Query performance using Oracle utilities like Explain Plan, SQL-Trace.

**Environment:**Oracle 10g, Forms 10g, Reports 10g, SQL \* Plus, TOAD, SQL\*Loader, SQL, PL/SQL Developer, UNIX, Windows XP.