**Ashima Yadav**

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**SUMMARY:**

* Around 9+ years of experience in analysis, design, development, testing and implementation of application software as Oracle PL/SQL Developer.
* Expertise in SQL and PL/SQL programming and strong knowledge on Oracle architecture and database design
* Expertise in loading data from flat files to the Database Tables using SQL\*Loader, External Tables, UTL Utilities
* Strong experience in designing and developing SQL Queries, PL/SQL packages, Functions, Stored Procedures, Views, Triggers and Cursors, Oracle objects Views, Materialized Views, Sequences, Synonyms, Database Links.
* Experience in advanced PL/SQL programming using Records, Collections and Bulk collect, Nested tables, Types, V-arrays .
* Experience in client-server application development using Oracle Toad, SQL\* Plus, SQL \*LOADER and PL/SQL developer
* Extensively worked on Triggers for implementing complex data integrity checks and for auditing tables
* Experienced in Unit testing and Integration Testing with excellent debugging skills
* Experience in query optimization, performance and tuning (PL/SQL) using SQL Trace, TKPROF, Explain Plan, Indexing, Hints, Bulk Binds, Bulk Collect, Creation of global temporary tables and table partitioning
* Experience in developing SQL Loader control programs and PL/SQL validation scripts for validating the data load from staging area to production.
* Sound knowledge in UNIX Shell scripting
* An expert with Excel and well aware of the close relationship Excel and Oracle have
* Extensive work experience in ETL processes consisting of data sourcing, data transformation, mapping and loading of data from multiple source systems into Data Warehouse
* Designed the Data Warehouse/ ETL processes using Informatica Power Center to extract, transform and load data from multiple input sources and also worked on manual ETL process.
* Experience on Data Warehousing, developing strategies for Extraction, Transformation & Loading (ETL) mechanism and UNIX
* Developed UNIX Shell scripts to automate table creation, execute procedures using
* dynamic SQL statements
* Integrated Excel spreadsheets into Oracle using SQL\*Loader
* Created /Executed oracle objects using Python
* Exposure to Waterfall, AGILE software development methodologies
* Exposure to AWS
* Experience with Software development life cycle (SDLC) process - performing detailed analysis, collecting requirements, documenting requirements, coding and unit testing, integration
* Developed normalized Logical and physical database models to design OLTP system
* Good understanding in the areas of Users, Roles, Privileges, Schema and Object management & Session monitoring
* Worked on production support, troubleshooting the application and resolving bugs
* Excellent communication skills and leadership qualities with analytical problem solving abilities including playing vital role in coordinating multiple business meetings
* Facilitated user training to build skills in the advanced use of Microsoft Excel

**EDUCATION:**

* Bachelor of Technology(Electronic and communication )from UPTU

**SKILL SET:**

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| --- | --- |
| **RDBMS** | Oracle19c /12c/ 11g |
| **Languages** | SQL, PL/SQL, Shell Scripting, Python,XML |
| **Operating Systems** | UNIX and Windows  |
|  **Tools** | SQL\*Loader, TOAD, HIVE, Sybase  |
| **GUI** | Control-M, Austosys |
| **Other tools** | Bitbucket, Bamboo,GIT,SVN, Putty, Anaconda, Spyder, Informatica, Tableau |

**PROFESSIONAL EXPERIENCE:**

**Client: Cognizant Tech Jul2022– Till Date**

**Role: Oracle Developer**

**Description:** Cognizant is an American multinational information technology services and consulting company. It is headquartered in Teaneck, New Jersey, United States. My Project in Cognizant is with Talcott Resolutions Client where I am working in Data Conversion Engine Team.

**Responsibilities:**

* Design, Develop and Modify Oracle Packages, Functions, and Procedure .
* Participated in the Analysis phase, preparing the technical specification, Development and Testing documents.
* Ongoing proactive database-level performance tuning, with a good working knowledge of Oracle internals.
* Involved in Unit Testing, Performance Testing and Integration testing. Ensured that all defects are resolved by team within timeline.
* Build and maintain Oracle PL/SQL packages and stored procedures (using TOAD and PL/SQL developer)
* Developed UNIX shell scripts and scheduled batch jobs for automation.
* Created /Executed oracle objects using Python.
* Developed automated jobs on Autosys and Control-M.
* Extensively involved in Performing database, SQL's and optimization.
* Coordinated with front-end Developers for implementing logic in stored procedures and functions for faster retrieval of data.
* Undertook Code Optimization and Performance Tuning of the application using Explain Plan, hints, indexing and Partitioning of tables.
* Designed and developed the data migration Scripts and Programs to upgrade the Development, QA, UAT and Production DB schemas upgrade to Oracle 12c from Oracle 18c in Development and Production Environments.
* Developed test cases that were used in conjunction with the Quality Assurance team to validate code.
* Interacted with Business Users in creating Unit and System Test cases for enhancements in the existing application.
* Developed Oracle partitions, and performance tuning/query tuning.
* Created packages and procedures using oracle code.
* Used SRM, Jira as ticket submission tools.
* Used SVN, GIT HUB BITBUCKET as versions control.

**Environment:** Oracle 11g/12c/18g, SQL, PL/SQL, TOAD, Oracle Developer, SQL\*Loader, SQL\*Plus , Control-M , Autosys

**Client: American Express Oct2021- May2022**

**Role: Oracle Developer**

**Description:** American Express is a multinational corporation which specializes in payment card services and has lot of customers throughout the world. My Project with American Express was SABE C360 which manages to 360 degree view of a Amex customer data. I worked for data migration and quality analysis in Couchbase , Hive .

**Responsibilities:**

* Participated in day to day agile processes like scrums and sprints.
* Design and Develop Oracle Packages, Functions, and Procedure.
* Participated in the Analysis phase, preparing the technical specification, Development and Testing documents.
* Ongoing proactive database-level performance tuning, with a good working knowledge of Oracle internals.
* Involved in User Acceptance testing and Post production support. Ensured that all defects are resolved by team within time.
* Build and maintain Oracle PL/SQL packages and stored procedures (using TOAD and PL/SQL developer), Workflows, and SQR reports as requested by client, for Processing and Analysis.
* Developed UNIX shell scripts and scheduled batch jobs
* Extensively involved in Performing database, SQL'sand optimization.
* Coordinated with front-end Developers for implementing logic in stored procedures and functions for faster retrieval of data.
* Undertook Code Optimization and Performance Tuning of the application using Explain Plan, hints, indexing and Partitioning of tables.
* Designed and developed the data migration Scripts and Programs to upgrade the Development, QA, UAT and Production DB schemas upgrade to Oracle 12c from Oracle 11g in Development and Production Environments.
* Worked in sync with the Front end developers like JAVA , .NET to create backend procedures/functions for various data sourcing.
* Developed test cases that were used in conjunction with the Quality Assurance team to validate code.
* Interacted with Business Users in creating Unit and System Test cases for enhancements in the existing application.
* Developed Oracle partitions, and performance tuning/query tuning.
* Created packages and procedures using oracle code.
* Used Git and Jira as our versions control and ticket submission tools.

**Environment:** Oracle 11g/12c, SQL, PL/SQL, TOAD, Oracle Developer, SQL\*Loader, SQL\*Plus, Hive

**Accenture Solutions Dec 2018- Oct 2021**

**Sr Application Developer**

Accenture is an information technology services company with headquarters in Dublin.

During my tenure with Accenture, I was working for Fidelity client where we where managing the pension system of our clients. All the pension related database was managed and regular reports where generated for our customers.

 **Responsibilities:**

* Created Technical Design for the Back End PL/SQL based on Business Requirement Documents and the Functional System Design.
* Creation of database objects like tables, views, synonyms, materialized views, stored procedures, packages using oracle tools like PL/SQL Developer.
* 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 into updating procedures, functions, triggers, and packages based on the change request.
* Used Oracle Developer to support complex queries using SQL and wrote stored procedures using PL/SQL in Various API's like Java and Hierarchical databases like Oracle and Access.
* Created packages and procedure in collaboration with JAVA developers to create an integrated process of Frontend and Backend
* Built Complex queries using SQL and wrote stored procedures using PL/SQL.
* Used Ref cursors and Collections for accessing complex data resulted from joining of large number of tables.
* Involved in moving the data from flat files to staging area tables using SQL \*Loader.
* Extensively used for all and bulk collect to fetch large volumes of data from table.
* Performed SQL and PL/SQL tuning and Application tuning using various tools like Explain Plan , AWR report.
* Created Informatica workflows to integrate data from difference sources into the target tables
* Provide support to Front End and fix defects in various stages of Testing ieUAT.
* Used AWS S3 buckets to mange project transactions logs .
* Perform Technical Validation on production Release Day and send a Success/ failure report accordingly.
* Worked closely with Production Support team to Troubleshoot and fix any production issues.
* Review data transformation rules and provide technical suggestions in data transformation logic and pseudo code (PL/SQL) program asynchronously.
* Wrote SQL Loader control file for flat file data load and scheduled them in UNIX to load every night in Production Environment.
* Used Control-M to schedule the shellscripts to run at particular time on a particular day.
* Worked closely with users in gathering and analyzing requirements and providing solutions that meet their requirements.

**Environment:** Oracle 11g, PL/SQL, SQL Developer, TOAD, Unix , Informatica , Python, AWS

**British Telecom, India May 2017- Dec 2018**

**Associate PL/SQL Developer**

British Telecom company has its headquarters in London .It is the largest provider of fixed line, broadband and mobile services in UK. In BT , I was working for Medallia team , which is a survey system which captures the response of the customers based upon their experience with BT. It helps BT in improving its services provided to the customers, hence improving its market ratings.

**Responsibilities**

* logical data modeling using ERWIN and transforming them into physical design
* System analysis, gathering and analyzing user requirements, transforming them into functional design specifications and reviews
* Created procedures to validate the data in the RAW tables, process them and load them into Baseline.
* Generated reports for inactive and active clients, inactive and active accounts and various transactions for different client types using crystal reports
* Created views, functions, triggers and procedures to process the data
* Used nested tables, bulk collect, cursors, ref cursors and Exception handlers as a part of my procedures to implement the business rules
* Extensive use of analytical functions and aggregate functions
* Good knowledge of partitions and partition pruning
* Redesign/ restructure and recommended changes in PL/SQL code flow that resulted in reduction of publishing time
* Tuning the system for optimal performance, generating test scenarios, debugging, implementation, enhancement and bug fixes
* Unix shell scripting to Annotate the Images, capture callout, convert them and SQL Load the Images into the staging table
* Created indexes, plugged in hints and made use of partition pruning as necessary to reduce the execution time of the queries
* Used Explain Plan extensively to understand the execution plans made by the Oracle optimizer
* Created Unit Test Cases (UTC) to test the working of the publishing process

**Environment:** Oracle 11g, PL/SQL, SQL Developer, TOAD, Unix ,Tableau, Python

**HCL Technologies, Noida, India Feb2015– May2017**

**Software Engineer**

HCL is an Indian multinational company with head quarters in Noida. As part of HCL, I was working in Team GPC which is Deutsche Bank’s strategic Market Risk collection system. It collates, aggregates, maps and stores the data it receives from various upstream systems. It holds underlying risk factors of the sensitivities in various positions.

**Responsibilities:**

* Used Excel Macros to process the data in the Spreadsheet and load them into the staging tables
* Loaded the data from .csv into the staging tables through SQL Loader
* Created procedures, packages and functions to find the accuracy of the data in the Global Data warehouse (GDW)
* Created procedures to validate the data in the staging table, process them and load them into the main tables
* Created procedures to give the users a reporting functionality to query the data by parameters
* Used Procedures, Packages and Functions to move data from CDW (Client Data Warehouse) into the attribution environment
* Created procedures for the following requirements like move attribution commission across roles, clone the employee’s coverage across months, Bulk Employee change, Save Coverage
* Created Oracle procedures as a part of the End of the Day script to copy over the data in CDW to other products
* Used records, cursors, %TYPE and ref cursors in the procedures created
* Made use of bulk collect to process the data retrieved from cursor/ ref cursor
* Created indexes on necessary attributes for faster data retrieval
* Made use of explain plan to find the access path taken when the query is executed
* Made use of analytical functions like rank and dense\_rank to assign is\_primary to the employee having maximum portion
* Population of data in to the input tables using SQL\*Loader
* Data transfer from Input tables to the Output tables using procedures, packages and functions
* Created Cursors and Ref cursors as a part of the procedure to retrieve the selected data
* Made use of Bulk Collect feature to process the data from cursor/ Ref Cursors
* Made use of Subquery-Factoring (WITH clause) to make complex SQL statements simple and make them more efficient
* Used composite data types like %ROWTYPE and %TYPE
* Using set operators in PL/SQL like Union, Union all, Intersect and Minus
* Used a wide variety of exception handlers in the procedures to handle the exceptions Documentation