**Gupta** oca_225x37

**PL SQL Developer**

**425-919-8666, guptaoracledev@gmail.com** 

**Summary**

* Around **8 years** of IT experience in Design, Development, Implementation and support of RDBMS in Production and Development Environments using Oracle Tools.
* Involved in complete **Project Life Cycle** including requirements gathering and Analysis, Database design, Database development, Application development, Testing, Implementation and Support of the application software and extensively on Production support.
* Proficient in developing and maintaining of **packages, functions**, application **procedures**, stored **procedures**, **triggers**, **tables**, **indexes**, **views, partitioned tables** using Oracle PL/SQL database programming language.
* Extensively used Cursors, **REF Cursors**, composite data type and Collections in writing the backend PL/SQL code.
* Expertise in Design and development of **interface** and **conversion** programs to integrate Oracle Applications modules to import data from various sources using **PL/SQL** and **SQL\*Loader**.
* Expertise in Database Performance Tuning using **Oracle Hints, Explain plan, TKPROF, Partitioning and Indexes, Gathering Statistics**.
* Experience in using Oracle APIs for Payables and Receivables Modules.
* Experience in developing SQL\*Loader **control programs** and PL/SQL **validation scripts** for validating data to load data from staging tables to production tables.
* Extensive experience with various test efforts like data validation, integrity testing and **Unit testing**.
* Experiences in implementing update strategies, **incremental loads** and change data capture.
* Experience in **UNIX** working environment, writing UNIX shell scripts for Informatica **pre & post session operations**.
* Excellent in **Query Optimization Techniques**, Creating, Replacing & modifying database **entity models** and maintenance.
* Used Oracle APIs for Oracle Financials Domain.
* Good understanding of Data mining concepts**, ETL Processes** and **Data modeling** concepts such as Design of the Dataflow, **ER Diagrams**, UML, Use Cases, **Normalization** and **De-normalization** of Tables.
* Created and validated **XML, XSD, DTD** files and **Style sheets** for Client validations and testing requirements.
* Experience in using Oracle Forms 9i**, Reports 6i&2.5** for developing end user screens and reports and also adept in using Oracle Tools like SQL\* Plus, Toad, SQL Developer, SQL Loader, Data Loader, SQL navigator, Oracle API.
* Good team player, quick learner and detail oriented, strong technical, organizational and report writing skills combined with self-motivation.

**Technical Skills**

|  |  |
| --- | --- |
| **RDBMS** | Oracle 12c, 11g, 10g, 9i, 8.x, SQL Server 2000/2005/2008/2012, MS Access, and MS-Access, SQL\*Plus, SQL\*Loader, TOAD 7.0, and Developer 2000, Forms 6i/9i/10g, Reports 6i/9i/10g. |
| **Modeling** | UML, ERWIN, TOAD, Data Modeler, Putty |
| **Operating Systems** | Windows Vista/ XP/2000/2003, Linux, AIX, MAC |
| **Oracle Utilities** | SQL\*LOADER, UTL\_ FILE, Export/Import, Data Pump |
| **Languages** | SQL, PL/SQL, C, C++, Java, Dot Net, XML, HTML, XHTML, CSS, UNIX Shell Scripting, |
| **Database Tools** | SQL Loader, TOAD, SQL Navigator |
| **ETL tool** | Informatica, Data Transformation Services (DTS) |
| **Developer Tools** | SQL\*PLUS, SQL Developer, Oracle Developer Suite(Forms and Reports),Oracle Reports Builder. |
| **3rd Party tools** | MS Visio, PowerBuilder, TOAD, Win CVS, SQL Navigator, SVN Tortoise, Hp Quality Center, JIRA, Service now, ClearCase, TFS Repository. |

**Professional Experience:**

**Client: CVS CAREMARK, Monroeville, PA Feb’18 -Present**

**Role: Oracle PL/SQL Developer**

**Responsibilities:**

* Responsible for conducting user requirement meetings and gathering information from the end users for reporting system and analyzed all the existing system
* Experience in working with the **SPARCS** application.
* Developed and worked on a new screen named as **EXTERNALVENDOR** screen.
* Involved in SPP transition project.
* Created new constraints to identify patients who are eligible for transition based on their drug.
* Responsible for creating the tables, enforcing the Constraints & Indexes.
* Responsible for Developing the New Master and Transaction Forms for the data Entry, Updating for data retrieval
* Created PL/SQL Procedures, Functions and Packages in PL/SQL
* Responsible for Developing the New Reports using Reports 10g.
* Responsible for creating the Database Triggers coded to meet the global operation and watch out for overkill.
* Tested required stored Procedures, Functions, Packages and Database Triggers.
* Involved in solving the bugs reported by the end user in implementation phase in both Forms and Reports.
* Involved in performance tuning for slow running Reports using various optimizer hint techniques.

**Environment:** Oracle 11g/12c, SQL Developer, Oracle Forms and reports.

**Client: AScIS(Applied Science Information Systems), Ashburn, VA Oct '16 –Dec’ 17**

**Role: Sr. Oracle PL/SQL Developer**

iSportsman was originally developed to aid in managing wildlife management programs at federal and military facilities around the country, but has much broader applications as well. iSportsman is an easy-to-use interactive web application service developed to manage the resources and activities like boating, fishing, hunting, camping, hiking and biking etc.

**Responsibilities:**

* Involved in Design, Development and Testing of **Conversions, Interfaces, Workflow and Reports**.
* Collaborated with **Business Analysts and Business Objects team** to understand the requirements and translate the requirement into technical specifications.
* Used PL/SQL to **Extract Transform and Load (ETL) the data into Data Warehouse** and **Developed PL/SQL** scripts in accordance with the necessary Business rules and procedures.
* Used **Bulk Collect, Bulk Insert and For All** to decrease query execution time.
* Defined relationships using **primary keys and foreign keys** for the entities and normalized the entities.
* Troubleshooted performance issues and bugs within packages using **dbms\_output, explain plan.**
* Developed stored procedures/packages to run **ETL jobs** to extract customer information from **OLTP database** into data warehouse.
* Responsible for decreasing load times of Data Warehouse by **optimizing ETL procedures** using PL/SQL.
* Involved in all phases of the SDLC for Designing & giving recommended approach to satisfy the requirements.
* Involved in Unit Testing **Stored Procedures and Functions**.
* Created **SQL\*Loader** scripts to load data into the temporary staging tables.
* Designing Tables, Constraints, Views, and Indexes etc. in coordination with the application development team.
* Developed procedures **using Dynamic SQL.**
* Used **Oracle Data Pump** for Export/Import of schemas from different DB's
* Created relevant **staging tables to load data** identified the business validation rules.
* Used Autosys to schedule Datastage jobs.
* Developed **Unix shell scripts to call Oracle PL/SQL packages** and contributed to standard framework.
* Tuned complex Stored Procedures for faster execution and developed database structures, according to the requirements.
* Created **Materialized Views and partitioning tables** for performance reasons.
* Experience in writing post validation SQL scripts to verify data is loaded properly once data stage job is completed.
* Resolving the issues on priority basis.
* Responsible for Analyzing and Implementing the Change Requests.

**Environment:** Oracle 11g/12c, SQL Developer, SQL\*Loader, TOAD, UNIX, Shell Scripting, Microsoft Office, Putty, Datastage.

**Client: Fannie Mae, Herndon, VA Dec'15 -Sep’16**

**Role: Sr. Oracle PL/SQL Developer**

**Description:** Fannie Mae serves the people who house America. It is a leading source of financing for mortgage lenders, providing access to affordable mortgage financing in all markets at all times. The financing makes sustainable homeownership and workforce rental housing a reality for millions of Americans.The project involves designing, developing and maintenance of HASP application.

**Responsibilities:**

* Involved in Logical & Physical Database Layout Design.
* Performed SQL and PL/SQL tuning and Application tuning using various tools like **Explain Plan, SQL \*Trace**, **Tkprof and Auto trace**.
* Translated business/functional requirements to create and alter database objects like Tables, Indexes, Constraints, Indexes, Types, Triggers, Grants, Synonyms and Stored Procedures.
* Created Java Script functions to store in Store Procedure or save in a file. Used **HTML, Java Script, PL/SQL**. When user logs in and fills out form, Java Script checks whether input data is valid. If not, message pops up and input is cleared.
* Used Cursors, **Ref-cursors, Bulking techniques, Oracle Supplied Packages, Collections, & Dynamic SQL**.
* Designed and developed the views**, materialized views,** functions, procedures, packages and triggers
* Experience with different **batch processes** (e.g. Mail) that run on a schedule and real-time processes (e.g. web services) to keep the data updated and also to interact with different third-party systems.
* Worked in **FTP** to **SFTP** migrations by **public key authentication** methods which help the file to get transferred from local directory to client directory using just the username without any password.
* Database security by authenticating users, using **logon triggers**. Created materialized view on remote database and automated scheduler for refreshing of **materialized view**.
* Wrote **Unix Shell Scripts** to process the files on daily basis like renaming the file, extracting date from the file, unzipping the file and remove the junk characters from the file before loading them into the base tables.
* Was in charge of **performance tuning** several programs and was successful in getting the run time down for more than 90 percent.
* Assisted my team lead in proposing a new way of writing the procedures and have written a set of coding standards and provided it to the team which was followed by everyone.
* Created and modified several **UNIX Shell Scripts** according to the changing needs of the project and client requirements.
* Involved in table redesigning with implementation of **Partitions Table and Partition Indexes** to make database Faster and easier to maintain.

**Environment:** Oracle 10g/11g, PL/SQL, SQL Loader, Datastage, Windows NT 4.0/2000/XP and UNIX, TOAD, Java, Shell Scripts, IBM Rational Clear Case version control.

**Client: Department of Homeless Services, NY Jan'15-Nov'15**

**Role: Sr. Oracle PL/SQL Developer**

**Description:** The mission of Department of Homeless Services is to overcome homelessness in New York City. DHS prevents homelessness wherever possible and provides short-term emergency shelter and re-housing support whenever needed. These goals are best achieved through partnerships with those we serve, public agencies, and the business and non-profit communities. The project involves data load for Homeless clients from different legacy systems to DHS application.

**Responsibilities:**

* Gathered the requirements from Business Users and passed on the requirements to the team.
* Created custom PL/SQL procedures to read data from flat files to dump to Oracle database using **SQL \* Loader**.
* Run Adhoc queries to get client detailed information about their stay and family
* Design, Develop and Test the jobs in **Informatica Power Center** for the data flow from Flat Files, CARES legacy system to data marts.
* Maintained stored definitions, transformation rules and targets definitions using **Informatica repository Manager**.
* Used various transformations like **Filter, Expression, Sequence Generator, Update Strategy, Joiner, Stored Procedure, and Union to develop** robust mappings in the Informatica Designer.
* Developed **PL/SQL Procedures and database triggers** for the validation of input data and to implement business rules.
* Created database objects **like packages, procedures, and functions** according to the client requirement.
* Extensively involved in using hints to direct the optimizer to choose an optimum query execution plan.
* Used **bulk processing** for better performance and easy retrieval of data, being a part of performance tuning of the procedures and packages.
* Extracting the data from simple **flat text files into operational database**.
* Creation of database objects like tables, **views, materialized views**, procedures, packages using oracle tools like SQL Loader.
* Used Golden Gate data selection and filtering for replication and making use of **SQLEXEC** to interact with database.
* Created database links to retrieve data from **multiple servers**.
* Extensively used for all and bulk collect **to fetch large volumes** of data from table.
* Create and run **batch files** on regular basis.
* Created records, tables, collections for improving performance by reducing **context switching**.
* Created number of **database triggers** according to business rules using PL/SQL.
* Wrote complex SQL queries including **inline queries and sub queries** for faster data retrieval from multiple tables.
* Extensively used the advanced features of PL/SQL like **Records, Tables, Object types and Dynamic SQL**.
* Handled errors using Exception Handling extensively for the ease of debugging and displaying the error messages in the application.
* Used **version control tool VSS,** which helps multiple users to access, and make changes to the collection of source code files.

**Environment:** Oracle 11g, SQL\*Plus, SQL\*Loader, PL/SQL Developer, Informatica Power Center, Golden Gate, Unix, VSS.

**Client: American Red Cross, Ashburn, VA Oct'13-Nov'14**

**Role: Oracle PL/SQL Developer**

**Description:** The American Red Cross (ARC), also known as the American National Red Cross is a humanitarian organization that provides emergency assistance, disaster relief and education in the United States. The project involves configuration verification activity for eProgesa, BioArch Release 2.0 will ensure that the software configurations are set in accordance with the Software Parameters Guide and Software Parameter Values.

**Responsibilities:**

* Involved in preparing **PL/SQL code to** implement business rules using triggers, cursors, procedures, functions and packages.
* Involved in query tuning to improve the performance using Oracle as **backend**.
* Created complex SQL queries, stored procedures, functions for the purpose of **data analysis.**
* Used advanced PL/SQL concepts including **Global Temporary table, Collections (Bulk Collect, Varrays, Nested Tables and PL/SQL Tables)**.
* Work with architects, engineers, and stakeholders to interpret requirements and further **refine requirements as input to the design process.**
* Work with the **QA Department to resolve any defects** and or issues with released software.
* Participate in weekly **intra-team code reviews** as both a reviewer and a presenter.
* Developing Test cases and procedures, mapping the Requirements to **Test Cases** in quality Center.
* Involved in fixing the issues after comparing source and output data.
* Performed **Backend testing**, writing **SQL queries and execute in TOAD.**
* Developed Oracle Forms for form end user using oracle form builder 10g.
* Experience in using SQL queries to develop complex queries for **data validation, inner/outer joins, joining multiple tables**.
* Verified the table’s structure as per the **DB design** and data in different DB tables as per the requirements.
* Executed scripts in **UNIX environment** using putty.
* Performed regression testing to make sure that new functionalities are not impacting existing functionalities in the system.

**Environment:** Oracle9i/10g, SQL Server, PL/SQL, SQL\*Plus, TOAD, SQL\*Loader, eBDR, eProgesa, Quality Center, FTP, DTS package, MS Office, Oracle Forms and reports 10g.

**Client: Household Finance Corp, San Diego, CA Oct'12-Sep'13**

**Role: Oracle PL/SQL Developer**

**Description:** Household Finance Corporation is a vital part of worldwide HSBC Group, one of the largest diversified financial services organizations in the world. Involved in designing and development of the Data warehousing project for the Account Management System at Household Finance Corporation.

**Responsibilities:**

* Extracted data from different sources like **flat files** and loaded into Oracle data warehouse according to the specifications.
* Analyzed business process workflows and developed **ETL procedures** for moving data from source to target systems.
* Created stored procedures, triggers, tables, views.
* Extensively used **Cursors, REF cursors, User-defined object types, Records.**
* Documented all the **packages, procedures and functions** involved in ETL process.
* Identifying **performance bottlenecks,** suggesting and implementing alternative approaches and performance tuning the code to cut down the resources and time consumed and making sure the optimizer pick the right plan at all times while maintain **data integrity.**
* Creating database objects such as **external tables, staging tables, views, synonyms, indexes, sequences and database links** tailored to business requirements.
* Developed **Shell Scripts** to automate file manipulation and data loading procedures.
* Unit and integration tested the target data.
* Worked with the team members in developing the **Test Plan and Test cases** for Unit testing for validation.
* Performance **optimization, procedure definition, queries tuning, database design**.
* Use **SQL\*Loader** utility to upload data files into tables, Export and Import Oracle Utilities to move tables between Schemas.
* Created **views and partitioned tables** for performance reasons.
* Analyze **SQL statements, reorganize database objects** and design indexes to improve query response time.
* Involved in fine tuning of the **existing packages** for better performance and providing on-going support to existing applications and troubleshooting errors when occurred
* Gathered reporting requirements from business end users/clients.
* **Identified key dimensions and facts** for analytical reporting and decisions support reporting to develop custom reports.

 **Environment:** Oracle 9i, TOAD for Oracle PL/SQL, SQL\*Plus, SQL\*Loader, ERwin 4.0, Windows, UNIX, XML, Microsoft VSS.

**Client: Bodhtree, Hyderabad, India Aug'10-Sep'11 Role: Oracle PL/SQL Developer**

**Description:** Bodhtree enables enterprises to transform their business using the power of cloud, analytics and digital solutions. In addition, we streamline key business processes by deploying enterprise applications, integrating applications with IT infrastructure.

**Responsibilities:**

* Involved in **the design and** **development of user interface (GUI)** in Forms 4.5 and table design using Oracle.
* Developed various **Business** and **ad-hoc Reports**.
* Created Data Flow Diagram, **Entity Relationship Diagram** from Designer.
* Involved in Development, Testing, Implementation and Training.
* Extensively involved in writing **SQL queries** (Sub queries and Join conditions).
* Created Database **Triggers** in PL/SQL to accommodate for data integrity and additional Referential Integrity.
* Migration from Oracle 9i to Oracle 10g.
* Developed **KornShell Scripts** to ingest data on a daily basis from external source (flat file).
* Involved in developing **UNIX shell scripts** required for maintaining and processing job.
* Involved in **Package** modifications to reflect the changes.
* **Importing/Exporting** data from/to different databases using utilities like SQL\*Loader, Import/Export.
* Involved in **export** and **import** at schema level.
* Created **Object Types** in PL/SQL.
* Performed customization on existing **Forms** appearance, validation logic, and behavior and incorporating new functionalities for control purpose.
* Responsible for **Analysis, Design, Development/Customization and Testing/debugging** of the reports.

**Environment:** Oracle 9i, Sun Solaris 2.5, Server Manager, SQL\* Plus, SQL\*Loader and Developer 2000.

**Client: Lauren Software PVT.LTD, Hyderabad, India**  **Jun'09-Jul'10**

**Role: Oracle PL/SQL Developer**

**Description:** Lauren software is the category-defining and leading Quote-to-Cash (QTC) software provider, driving the vital business processes between a buyer's interest and the realization of revenue. Lauren software is uniquely positioned to deliver successful customer outcomes, improving the realization of revenue from the top-down, while also solving symptomatic issues within the sales cycle. 

**Responsibilities:**

* As a part of **3-member team**, was involved in design, development and implementation of the module.
* Provided **Production Support** and 24x7 support.
* Developed **Stored Procedure** to support front-end application to display potential customers for the campaign.
* **Tuned stored procedures and triggers** identified for better performance.
* Creating Tables, indexes constraints and improved database performance.
* Involved tuning and applying the SQL statements and PL/SQL processes.
* Creation of different kinds of **reports about Tables, Views, Synonyms etc from the Oracle Database**.
* Involved in complete documentation using **MS Office**.   
     
  **Environment:** Oracle 8i, MS Access, MS Excel, PL/SQL, HTML, C, Windows 98.