

# Naga Beerella

## PL/Sql Developer - Wells Fargo

Dulles, VA 20101

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- Over 8 years of programming experience as an Oracle PL/SQL Developer with Oracle 9i/10g/11g/12c in Analysis, Design and Implementation of Business Applications using the Oracle Relational Database Management System (RDBMS).
- Strong coding and designing experience in Oracle PL/SQL & SQL and used Database utility tools like SQL Navigator, SQL Plus, TOAD, SQL Developer.
- Programming experience using PL/SQL Packages, Stored Procedures, Functions, Cursors, Constraints, Triggers, Indexes (B-tree Index, Bitmap Index), Views, Materialized Views and Database Links.
- Experience in writing dynamic SQL Statements using EXECUTE IMMEDIATE and DBMS\_SQL.
- Experience in developing Joins, Indexes and sequences.
- Experience in FTP to SFTP migrations.
- Extensive knowledge in Oracle Cursor management, REF Cursors.
- Expertise in working with oracle supplied packages such as DBMS\_SQL, DBMS\_JOB, UTL\_FILE, UTL\_MAIL and DBMS\_SCHEDULER.
- Experience in query optimization, performance and tuning (PL/SQL) using SQL Trace, Explain Plan, STATSPACK, TKPROF, Indexing, Hints, Bulk Bind, Bulk Collect, Creation of global temporary tables and table partitioning.
- Skilled in Unix Shell Scripting. Created load scripts in Korn shell called by scheduler (Crontab and Autosys), to format and transfer data from various platforms and databases.
- Good exposure to DBA routine tasks like managing users, roles, privileges, schema and objects, developing PL/SQL triggers for user access audit.
- Knowledge in data migration activities like Export and Import utilities, Bulk copy processing (BCP), data scrubbing using OracleDataPump and SQL \*Loader.
- Worked on analytical functions like RANK and DENSE\_RANK.
- Used Cursor Variables (Ref Cursors) to pass query results sets between PL/SQL programs and client application.
- Excellent Java development skills using Html, CSS, Java Script, Core Java, J2EE, Groovy, Grails framework.
- Experience in designing and consuming Java web services for Soap and Restful webservices.
- Experience in test automation and frameworks.
- Worked on set operators in PL/SQL like Union, Union all, Intersect and Minus.
- Transformed data from one server to other servers using tools like Bulk Copy Program (BCP), and SQL Server Integration Services (SSIS)
- Experience in developing Map Reduce Programs using Apache Hadoop for analyzing the Big Data as per the requirement.
- Experience on User-defined and System defined exceptions to handle different types of Errors like NO\_DATA\_FOUND, TOO\_MANY\_ROWS, and PRAGMA EXCEPTION\_INIT etc.
- Excellent technical and analytical skills with clear understanding of design goals of ER modeling for OLTP and dimension modeling for OLAP.
- Strong knowledge with PL/SQL Wrapper to protect the Packages, Functions and Stored Procedures.
- Experience with all phases of the Software Development Life Cycle(SDLC) including analysis, Physical and Logical Design, Code Development, Testing, Implementing and Maintenance.
- Used existing processes and procedures for application deployment and provided 24x7 production support as Primary.

- Skilled in mapping client's business requirements and translating test requirements into technical specifications.
- Delta monitoring project documentation and identifying&fixingbugs.
- Excellent communication, interpersonal, analytical skills and strong ability to perform as part of a team.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

## WORK EXPERIENCE

### **PL/Sql Developer**

Wells Fargo - Charlotte, NC -

2016-06 - Present

Description: Wells Fargo Bank is one of the leading financial services companies, which serves its customers a broad range of first class banking services. This project is intended to develop a customer data warehouse to understand customer behavior to various Loans related programs and identify critical customers in support of improved decision-making across the organization.

#### Responsibilities:

- Participated in the Database Analysis, design and Interacted with the business users and participated in requirement collection.
- Analyzing the requirements - designing and developing the maps for extraction, transformation and loading of data into warehouse.
- Development of complex mappings related to dimensional and fact tables.
- Developed and modified PL/SQL code to make new enhancements or resolve problems, as per customer requirements.
- Developed several stored procedures and functions using advanced Oracle concepts such as Bulk Binds, Bulk Collects Ref Cursors to improve performance.
- Developed control files for SQL\*Loader and PL/SQL scripts for Data Extraction/Transformation/Loading (ETL) and loading data into interface Tables from different systems and validating the data.
- Extensively worked on the ETL mappings, analysis and documentation of OLAP reports requirements
- Involved in Performance tuning of the programs and ETL processes
- Used DataStage Designer for developing various ETL jobs to extract, cleansing, transforming, integrating and loading data
- Strong understanding of Data Modeling in data warehouse environment such as Star schema and Snow flake schema.
- Created and used Table Partitions to further improve the performance while using tables containing large number of columns and rows.
- Created database objects like Tables, views, procedures, functions, packages, materialized views, Index and sequences using SQL and PL/SQL.
- Partitioned Tables using Range Partitioning, List Partitioning and created local indexes to increase the performance and to make the database objects more manageable.
- Used Bulk collect and For all in stored procedures to improve the performance and make the application to run faster.
- Involved in system study and preparing the System Requirement Specification.
- Implementation and post-implementation support of the system.

- Used Data modeling tools for mapping the parent child tables before creation of new objects for a specific business requirement
- Supported the application when in production and exercised strong debugging skills in resolving time sensitive issues
- Documented System requirements, Technical specifications, Use cases, activity diagrams, workflow diagrams and release notes.
- Regularly interacted with DBA and QA teams to incorporate all standards.
- Developed SQL\*loader control files to extract data from different text files received from upstream systems into tables.
- Performed SQL and PL/SQL tuning to improve the performance with the help of SQL Trace, Explain Plan, Indexing and Hints.
- Developed administrative tools using UNIX Shell scripting.
- Created multiple Unix shell scripts to import data into Oracle using the SQL\*Loader.
- Used Collections like variable arrays, nested tables extensively.
- Documented all the work assigned.

Environment: SQL Navigator, Erwin, SQL\*Plus, UNIX, 10.5, Windows, SQL\*Loader.

## **PI/SQL Developer**

North Carolina Department of Health and Human Services - Durham, NC -

2015-04 - 2016-05

Description: North Carolina Families accessing services through Technology (NC FAST) is a program designed to improve the way the NC Department of Health and Human Services and county departments of social services do business. This project is designed to improve and streamline our application process, provide better case management capabilities across services, and ultimately incorporate a new process for collecting and assuming time and attendance within the subsidized child care program.

### **Responsibilities:**

- Gathered the Requirement from the business user and prepared the program specification and design document for the development of the CEMR Application.
- Involved in analyzing the root cause for the missing data and providing the missing data from the Extracts for Testing.
- Extensively worked in providing updated records of the patients on weekly basis by comparing the with the Previously-Exported patient's records.
- Involved in keeping track of Previously-Exported patients and archived them for future reference purpose.
- Created the PL/SQL packages, procedures, functions applying the business logic to update the patients' database.
- Created custom triggers to automatically populate different tables and also to restrict the data being inserted to the timesheet tables.
- Created the custom tables to import the Patient's data and insert into the database tables.
- Developed the SQL\*Loader scripts to load data into the staging tables from the flat files.
- Extensively used DTS package in Migration of the data from the previous timesheet database in SQL Server database to Oracle 10g.
- Extensively involved in tuning the queries and applying hints for faster and better performance of the SQL queries.
- Created the test scripts and complex queries to test the application and to quality assurance of the data.

- Involved in preparing test plans, unit testing, System integration testing, implementation and maintenance.

Environment: Oracle9i/10g, SQL Server, PL/SQL, SQL\*Plus, SQL\*Loader, TOAD 10, FTP, DTS package, MS-Office, Perl Scripts, MS Office, MS Visio.

## **Sr. Oracle PL/SQL Developer**

Department of Homeless Services, NY -

2014-01 - 2015-02

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.

## **Oracle PL/SQL Developer**

Fannie Mae - Reston, VA -

2011-10 - 2013-11

Description: The R-PD Tax application is designed to amortize, for tax purposes, premiums and discounts resulting from acquisition by Fannie Mae of mortgage loans backed securities(MBS) and mortgage revenue bonds(MRB) in Fannie Mae's portfolio and provides those results to the business users who prepare Fannie Mae's tax return. R-PD Tax will also compute and track Mark-to -Market (MTM) adjustments for loans and securities designed as Held for Sale (HTS) for tax purpose.

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 AUTOTRACE.
  - Translated business/functional requirements to create and alter database objects like Tables, Indexes, Constraints, Indexes, Types, Triggers, Grants, Synonyms and Stored Procedures.
  - Used Cursors, Ref-cursors, Bulking techniques, Oracle Supplied Packages, Collections, & Dynamic SQL.
  - Designed and developed the views, materialized views, functions, procedures, packages and triggers
- Was a part of conversion team and have taken part actively in propose an idea to convert data from DB2 database to Oracle.
- 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.
  - Database security by authenticating users, using logon triggers. Created materialized view on remote database and automated scheduler for refreshing of materialized view.
  - 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, SQL\*Plus, Windows NT 4.0/2000/XP and UNIX, TOAD, DB2, Shell Scripts, IBM Rational Clear Case version control.

## **Oracle PL/SQL Developer**

State Farm Insurance - Bloomington, IL -

2010-07 - 2011-08

Description: State Farm insurance is an insurance company which helps people manages the risks of everyday life, recover from the unexpected, and realize their dreams. The objective was to import/export data from

staging tables to production Tables and set up jobs in batch flows. This application is supposed to provide inventory, information about products located at different stores in different places.

**Responsibilities:**

- Interacting with the clients to understand the requirements and Designing module wise Oracle 11g database structure and its implementation on the client server.
- Coordinated with the front end design team to provide them with the necessary stored procedures and packages and the necessary insight into the data.
- Wrote complex SQL queries using joins, sub queries and inline views to retrieve data from the database.
- Worked on SQL\*Loader to load data from flat files obtained from various facilities every day.
- Involved in developing and scheduling using cron jobs to load the data into the database and export/import mechanism for data migration for bulk upload.
- Involved in writing the database triggers to furnish the audit details.
- Used various LOVS (List of Values) and record groups at various points in runtime.
- Troubleshooted performance issues and bugs within packages using dbms\_output, explain plan.
- Extensively involved in using hints to direct the optimizer to choose an optimum query execution plan.
- Created indexes on the tables for faster retrieval of the data to enhance database performance.
- Used Bulk Collections for better performance and easy retrieval of data, by reducing context switching between SQL and PL/SQL engines.
- Developed Unix Shell Scripts to automate backend jobs, load data into the database.
- Created PL/SQL scripts to extract the data from the operational database into simple flat text files using UTL\_FILE package.
- Partitioned the fact tables and materialized views to enhance the performance.
- Created records, tables, collections (nested tables and arrays) for improving Query performance by reducing context switching.
- Used Pragma Autonomous Transaction to avoid mutating problem in database trigger.
- Provided Tier3 Application support with 24/7 production support.

Environment: Oracle 11g, SQL \* Plus, TOAD, SQL\*Loader, SQL Developer, Shell Scripts, UNIX Shell Scripting, Windows XP.

## **Oracle PL/SQL Developer**

Hewlett-Packard - Bengaluru, Karnataka -

2008-06 - 2010-05

Description: HDFC is embarking on a significant business transformation by aiming to enhance efficiency, productivity and competitiveness by adopting the latest business processes and technology and towards this end, is implementing its Technology-Enabled Business and IT Strategy Project. As a part of the transformation process, the Bank requires a powerful and comprehensive executive information system which will enable decision support and performance/profitability evaluation across multiple dimensions. The above requires implementation of an enterprise wide Data Warehouse with a proven data model which can consolidate data across the Bank for strategic & tactical decision making and also implementation of advanced analytical engines that enable micro level CUSTOMER and account and aggregate analysis

**Responsibilities:**

- Developing new Packages using SQL Navigator and then store them in Microsoft visual source safe.
- Creating or modifying Packages, Procedures and functions using SQL Navigator application tool and then launching the applications from a report console or at the URL line.

- Developed primary database objects such as tables, Indexes and views to implement required functionality.
- Involved in requirement analysis, design, implementation, testing and deployment of the system.
- Created new database objects like Sequences, Procedures, Functions, Packages, Triggers, Tables, Granting and Revoking privileges, Creating Roles, Creating Primary and Foreign Constraints, Unique constraints, check constraints, Indexes, Analytic functions, Hints, Partitions, Cursors etc., and Views in Development and Production environment in PL/SQL.
- Used SVN for storing all the source codes. Designed and developed the data conversion strategy.
- Developed packages, procedures, triggers and views to bridge the gaps between the old and new application.
- Developed back-end PL/SQL packages, building UNIX shell scripts for data migration & Batch Processing.
- Executed the test cases and test scripts to ensure applications were performing according to requirements.
- Prepared test plan, test cases and requirement trace matrix.
- Developed reports using Reports 9i and invoked Triggers, etc.
- Involved in design, development and testing of Forms and Reports.
- Migrated data between stage and application schemas. Wrote SQL\*LOADER control CTL files for data loading.
- Worked on SQL PLUS and SQL LDR calls from shell scripts.
- Executed PL/SQL scripts on server using Unix Shell scripts.
- Extensively developed complex PL/SQL packages for ETL.
- Developed reusable ETL transformations and Maplets.
- Involved in the design of Data-warehouse using Star-Schema methodology and converted data from various sources to oracle tables.

Environment: Oracle 9i, SQL, PL/SQL, SQL\*Plus, SQL Navigator, SQL\* Loader

## EDUCATION

### **Bachelor's**

Jawaharlal Nehru University

## SKILLS

DATABASE, LOADER, ORACLE, PL/SQL, SQL

## ADDITIONAL INFORMATION

### TECHNICAL SKILLS

Operating Systems: MS Windows 2000/XP/8/10 and UNIX.

Languages: SQL, PL/SQL, MS SQL, C/C++, HTML.

Scripting Languages: Windows Batch/Ftp Scripts, UNIX Shell Script.

Databases: Oracle 9i/10g/11g, SQL Server 2008 and MS-Access.

Tools/Utilities: SQL\*Plus, TOAD 12.2.1, SQL Developer, SQL\*Loader, MySQL, TKPROF, PUTTY, Database Configuration Assistant, SQL Trace, ERWIN, MS EXCEL, MS VISIO.