**Mamta Sheth**

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**Oracle PL/SQL Developer**

**Summary:**

* **9 years** of programming experience as an **Oracle PL/SQL** Developer in Analysis, Design, and Implementation of Business Applications using the Oracle Relational Database Management System (RDBMS)
* Involved in phases of the **SDLC (Software Development Life Cycle)** from analysis, designing, development, testing, implementation and maintainace with timely delivery against aggressive deadlines.
* Expert in creating complex **SQL Queries, PL/SQL packages, functions, stored procedures, triggers, and cursors** to facilitate efficient data manipulation and data consistency**.**
* Expert in creating different database objects like **sequences, synonyms, indexes, views.**
* Worked extensively on **Ref Cursor**, **External Tables**, **Collections**
* Experience in Oracle supplied packages, **Dynamic SQL, Records, and PL/SQL Tables.**
* Implemented various **Error/Exception** handling methods using system defined exceptions and user defined exceptions.
* Loaded Data into Oracle Tables using **SQL Loader**.
* Used **Insert All**, **Insert First** for multi table inserts.
* Partitioned large Tables using **range partition** technique.
* Experience with Oracle Supplied Packages such as **DBMS\_SQL, DBMS\_SCHEDULAR, DBMS\_JOBS, DBMS\_JOB,UTL\_FILE.**
* Experience in SQL **performance tuning** using  Rule-Based optimization (RBO)
* Good experience on **Extraction, Transformation and Load (ETL)** process using **PL/SQL** to populate the tables in **OLTP** and **OLAP Data warehouse Environment**.
* Experience in using tools like **SQL \* Plus**, **SQL developer**, **PL/SQL developer, TOAD.**
* Assisted DBA in performing various **DDL** works like Creation of Schemas**, tables, Indexes, Materialized Views** and **Partitioning tables**.
* Experience working in fast paced **AGILE** environment & attended daily scrum meeting.
* Experience with **Performance Tuning** for Oracle RDBMS using **Explain Plan**, **HINTS.**
* Extensive experience in designing and development of **UNIX Shell Scripts.**
* Interfacing with clients for **requirements gathering, conducting system analysis** and finalizing **technical / functional specifications** for the project.
* Experience with Data flow diagrams, Entity relation modeling, Data dictionary and database modeling using Database **normalization** techniques.
* Strong experience in Data warehouse concep**ts, ETL, Informatica**.
* Assisted QA Teams for **bug testing, User Acceptance Testing (UAT) & System Integration Testing**.
* Good knowledge of key **Oracle performance related features**, such as Query Optimizer, Execution Plans and Indexes ,Pipelined tabled functions for faster execution.
* Strong perseverance and diligence towards attaining challenging goals and effective time management.
* **Quick Learner**, **self-motivated**, **ability to work independently** and as well as in a team environment with excellent team spirit .

**Technical Skills:**

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| **Languages** | SQL, PL/SQL, C, C++ |
| **TOOLS** | SQL Developer, SQL Developer 3.0, Oracle enterprise manager 10g, SQL\*Plus, TOAD, SQL\* Loader, Rally tool for Agile, Oracle forms and Reports 10g/9i/6i, Dreamweaver, MS office 2007, 2010, Open office 3.3 |
| **Internet Technology** | HTML 5.0, JavaScript, XML, PHP 5.0, CSS 3, DHTML |
| **Scripting** | UNIX shell scripting, Java Scripting |
| **Operating System** | Windows 98/2000/XP/NT/vista, UNIX, PERL, OS X |

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| **Education:** |

Bachelors of Science in Computer Engineering,

Nirma University, India

**Professional Experience**

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| **DuPont, Wilmington, DE Jul 2014- Present** |
| **Oracle PL/SQL Application Developer** |

DuPont is an American [chemical company](https://en.wikipedia.org/wiki/Chemical_industry) that was founded in July 1802 and has been bringing world-class science and

Engineering to the global marketplace in the form of innovative products, materials, services. DuPont is operating in

More than 70 countries, DuPont offers a wide range of innovative products and services for markets including agriculture,

Nutrition, electronics, communications, safety and protection, home and construction, transportation and apparel.

**OneIP Application (Legal Application):**

OneIP is the **Intellectual Property Management System** used to manage patent and trademark prosecution work and conflicts globally based on country-specific deadlines. it was also used to Manage IP-related contracts and copyrights.

I worked on DuPont/Chemours separation and support project; was also involved with DuPont legal group in order to

support this application.

My role was Application DBA so, I was involved in database developing and administrating work. Participated to Create and maintain PL/SQL scripts and stored procedures. Designed, developed and maintained data extraction, transformation processes and ensured that data is properly loaded and extracted in and out of our systems. Investigated data quality issues and implemented appropriate solutions. Helped to improve the performance of the database.

**Responsibilities:**

* Participated in DuPont/Chemours separation project planning with project managers, Business users, vendors and team members to analyze business requirements and outline the proposed solution.
* Developed **System documentation with functional and technical flow** about existing system.
* **Support the full application** front end and Oracle Backend.
* Give **KT (Knowledge Transfer) sessions** to different team members.
* Work with different vendors and wrote **Stored Procedures, Functions, and Packages using PL/SQL** to implement business rules and processes.
* Worked with Business users to gather requirements for developing new Reports or changes in the existing Reports.
* Closely work with Legal users including Patent/Trademark administrators, Lawyers, paralegals and attorneys in order to support legal OneIP application by resolving invoice related issues and by developing **complex queries and procedures** in order to provide record/data level modification.
* Loading of data from Excel sheets to database using **SQL\*LOADER.**
* Performed certain DBA activities including data warehouse refresh, Quarterly test database refresh with production data using **datapump**, monitor logs, monitoring server performance.
* Also used the tradition import/export.
* **Scheduled and Monitor Oracle Jobs** on windows server.
* Conducted Performance Review of Oracle Database for this application
* Worked closely with offshore team.
* Good experience in **User Management, creating new user ids**, assigning them **roles and privileges**.
* Clone database from Production to Development.
* Participated in **installation, and configuration of 11g database and Client**.
* Closely work with different vendors like CPA Global, IBM and Accenture in order to resolve legal application, server and security issues respectively.
* Participated in **database migration** of full OneIP application from DuPont to Chemours.
* Worked **in Data mapping** and **Data flow.**
* Worked with database objects such as **tables, views, synonyms, sequences and database links** as well as custom packages tailored to business requirements
* Use oracle supplied package like **DBMS\_SCHEDULER, DBMS\_RANDOM, DBMS\_JOB** packages.
* Involved in debugging and Tuning the **PL/SQL code, tuning queries, optimization** for the Oracle database.
* Used **cursor, ref cursor,** and **bulk insert (BULK BINDING)** in procedure to reduce its execution time
* Used advanced PL/SQL concepts like **Bulk** collect, **PL/SQL tables** and **Dynamic SQL** for DML operations for better performance
* Tuned SQL queries, performed refinement of the database using tools like **EXPLAIN PLAN, and SQL Trace** to significantly improve the system response, time and efficiency.
* Extensive knowledge on Unix **FTP Connection** for extracting data from different sources to own destination.
* Extensive knowledge on operations support for **production environment**.

**Environment:** Oracle 11g, SQL, PL/SQL, SQL\*LOADER, TOAD, SQL developer, Oracle 10g, ERWin, UNIX Shell Scripting, Windows server 2008 standard.

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| **Medivation, San Francisco, CA Jul 2012- Apr 2014** |
| **Sr. Oracle PL/SQL Developer** |

Medivation, Inc., a biopharmaceutical company, focuses on the development and commercialization of novel therapies to treat serious diseases in the United States. Medivation, in collaboration with Astellas, is currently developing enzalutamide for multiple stages of prostate cancer and for breast cancer.

The Project was data warehouse project where Medivation wanted to create centralized database for their two applications in order to fulfill reporting requirements and also analyzing data for budget purpose. job involved the creation of a new database which involved the migration of the data from two different databases to Oracle 11G.

The project involved the creation of the database from scratch and involved the designing of the schemas and then loading of the data which already existed on other servers. The main challenge was to keep the other databases running and they could not be shut down for a single moment.  
**Responsibilities:**

* Participated in project planning workshops with project managers, Business users and team members to analyze business requirements and outline the proposed solution.
* Developed **technical specifications**. For Data services objects.
* Participated in **data mapping process** and **LDM (Logical Data Modeling)** process.
* Wrote **Stored Procedures, Functions, and Packages using PL/SQL** to implement business rules and processes.
* Used advanced SQL like analytical functions, aggregate functions for mathematical and statistical calculations.
* Worked with Business users to gather requirements for developing new Reports or changes in the existing Reports.
* Worked on **CDC (change Data Capture)** on both Sources and Target level for **SCD (Slowly Changing Dimension)**
* Loading of data from external systems using **SQL\*LOADER.**
* Created **Cursors, Collections and DB Triggers**.
* Worked with database objects such as **tables, views, synonyms, sequences and database links** as well as custom packages tailored to business requirements
* Used **DBMS\_SQL and EXECUTE IMMEDIATE** for dynamic SQL.
* Created **Indexes** on table to tune SQL. As well as some time rebuilt indexes.
* Use oracle supplied package like **DBMS\_SCHEDULER, DBMS\_RANDOM, DBMS\_JOB** packages.
* Created **Shell scripts** to access and setup runtime environment, and to run **Oracle Stored Procedures, Packages.**
* Involved in debugging and Tuning the **PL/SQL code, tuning queries, optimization** for the Oracle database.
* Extensively used **UTL\_FILE** to extract data into flat files from the database.
* Used **cursor, ref cursor,** and **bulk insert (BULK BINDING)** in procedure to reduce its execution time
* Used advanced PL/SQL concepts like **Bulk** collect, **PL/SQL tables** and **Dynamic SQL** for DML operations for better performance
* Worked with **HTML, JavaScript** pages in order to create web pages and fix bugs for the Rhapsody web site.
* Review data transformation rules and provide technical suggestions in data transformation logic and pseudo code (PL/SQL).
* Support Data warehouse, **ETL** Process.
* Tuned SQL queries, performed refinement of the database using tools like **EXPLAIN PLAN, and SQL Trace** to significantly improve the system response, time and efficiency.
* Worked **in Data modeling, Data mapping** and **Data flow**
* Extensive knowledge on Unix **FTP Connection** for extracting data from different sources to own destination.
* Extensive knowledge on operations support for **production environment**.
* Prepared **unit test plan, test cases and requirements trace matrix** and performed effective **Unit Testing** and resolved issues, if any, during the **System or Acceptance Testing phase.**

**Environment:** Oracle 11g, SQL, PL/SQL, SQL\*LOADER, HTML/JavaScript, SQL developer, ERWin, Informatica, UNIX, Oracle 10g, Oracle Forms, Oracle Report.

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| **Anthem Inc. (Aka WellPoint Inc.), Cerritos, CA Oct 2010- May 2012** |
| **Sr. Oracle PL/SQL Developer** |

**Anthem Inc.** is a US health insurance company founded in the 1940s, prior to 2014 known as **WellPoint, Inc**. It is the

largest for profit [managed health care](https://en.wikipedia.org/wiki/Managed_health_care) company in the [Blue Cross and Blue Shield Association](https://en.wikipedia.org/wiki/Blue_Cross_and_Blue_Shield_Association). It was formed when

Anthem Insurance Company acquired WellPoint Health Networks, Inc.

In 2011, WellPoint acquired CareMore, a [Cerritos, California](https://en.wikipedia.org/wiki/Cerritos,_California)-based company that provides insurance and

care centers for elderly patients.

The project was ETL/ Data warehouse project where Well Point/Anthem wanted to create the centralized database to

maintain the information of patients, discount and health programs they involved and their insurance plans from

CareMore and WellPoint database.

**Responsibilities:**

* Inserted Excel Sheet data in Data base using **TOAD** utility **EXPORT**.
* Used **Bulk collect**, **Bulk Binding** and **ref cursor** to insert the data in Bulk and to reduce the execution time.
* Developed various **Complex Queries, Views** for Generating **Reports.**
* Created SQL Queries to validate the data Warehousing Reports.
* **Fine-tuned** the logic in **Procedures, Functions and Triggers** for optimum performance.
* Involve in SQL and PL/SQL tuning. Used **EXPLAIN PLAN** and **TKPROF** a lot for SQL tuning. Also used **DBMS\_PROFILER** to tune PL/SQL Procedures.
* Worked with **DBMS\_PROFILER** to tune PL/SQL Procedures
* For tuning purpose created **Indexes** , used Optimizer **Hint** in **SQL\*LOADER**, partition of big tables, Rebuilt the Indexes.
* Used packages like **DBMS\_JOBS**, **DBMS\_SCHEDULER** to schedule tasks.
* Helped DBAteam for the **data migration** from oracle 10g to 11g.
* Created PL/SQL Package to insert the Data in Bulk.
* Created **Views, Sequence, Stored Procedure, Functions, and Tables** as per Requirement.
* Created small procedures to count number of row of all tables in database Schema, to auto run the Sequence, to update one column’s particular data all over database Schema’s tables.
* Used **DBMS\_SQL and EXECUTE IMMEDIATE** for **dynamic SQL.**
* Used ORACLE utilities like **SQL\*LOADER, EXTERNAL TABLE** for data migration.
* Created **Cursors, Collections and DB Triggers**.
* Involved in **Analyzing** and **Performance Tuning** of the SQL queries using **optimizer hints** for **joins**, **parallelism** and **Explain plan**

**Environment:** Oracle 10.2.0.1/Oracle 11g, Quest Toad Ver. 9.1.0.62, External Table (Etl)/Sql\*Loader, Windows 2003/XP, SQL, PL/SQL, UNIX Shell Scripting, SQL\*Plus

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| **Interlink Consultant, Mumbai, India Apr 2009 - Apr 2010** |
| **Sr. Oracle PL/SQL Developer** |

Interlink is a leading Business Performance Consultancy, dedicated to created substantial value for Pharma, Healthcare, Wellness and Life science business, through Interlink Business, Interlink People and Interlink Knowledge practices.

**Customer Information System**

This system handled employee’s attendance online, maintain the day to day events, display available electronic books in the library, generate reports for the Manager to view the employees attendance on a particular selection and make available forms online for various cases.

**Responsibilities:**

* Coordinated with clients, Requirements gathering and designing.
* Participated in system analysis and data modeling, which included creating **tables, views, indexes, synonyms, triggers, functions, procedures, cursors** and **packages.**
* Created **Indexes and sequences** for faster retrieval of the visitor information.
* Worked with **Bulk Collect & Bulk Bind** to improve the retrieval of multi row.
* Implemented **Join** conditions, group by **functions, correlated subqueries, nested subqueries.**
* Created **procedures and functions** for validation of transaction records into interface tables.
* Design few pages using HTML and XML to interact with database.
* Used several Oracle provided packages such as **UTL\_FILE, DBMS\_JOB, and DBMS\_SCHEDULER**
* Used advanced SQL like analytical functions, aggregate functions for mathematical and statistical calculations.
* Involved in writing technical documentation, and writing test plan.

**Environment:** UNIX, Solaris 5.9, Oracle 9i, TOAD 10.4, PL/SQL, SQL\*Plus 9.2.0.1, SQL Developer 2.9, Oracle Enterprise Manager, FileZilla 0.9.40, UML 2.1, BugZilla 4.0.0, MS Project 2010.

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| **Avantha Technologies, Hyderabad, India Sep 2007- Mar 2009** |
| **Lead PL/SQL Developer** |

Avantha Technologies is a technology outsourcing Services Company, offering services for IT companies, management support and engineering services including business process outsourcing**.** The scope of this project was to convert and migrate legacy system data to Oracle database and application development including batch programs, procedures and functions required for online application screens.

**Responsibilities:**

* Gathering required data, data analysis and documentation of the plan
* Gathering data elements needed for analysis of the data, decoding flat file data and loading into database tables using **SQL\*Loader**
* Responsible for **data mapping** from legacy system to Oracle
* Created database objects like **tables**, **synonyms**, **sequences**, **views**
* Developed various data exception reports and submitted to the client for **data clean up**
* Created **materialized views**, **partitions**, **tables**, **views** and **indexes**
* Involved in **tuning** and **optimization** of SQL statements
* Created/modified the **procedures**, **functions** and **packages** to support data conversion
* Used **SQL hints** and **indexes** to improve the performance of queries
* Modified the existing **shell scripts to support conversion process**
* Checked **explain plan** of the SQL queries to improve the performance
* Wrote **shell scripts** for automating the process of data loading and daily process
* Participated in testing to create test plans

**Environment:** Oracle 9i, TOAD, SQL\* Plus, PL/SQL, Import/Export Utility and Windows NT, UNIX.

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| **Transducers & Controls Pvt. Ltd, Hyderabad, India Jan 2006 -Jul 2007** |
| **Jr. PL/SQL Developer** |

Transducers & Controls Pvt. Ltd is the manufacturer/supplier company of rotometers, transformer, electronic liquid level controllers, electronic liquid level indicators, special purpose machines.

A system was designed to monitor the inventory of the organization. The system recorded all stores transactions like material receipt against purchase order, material issue, and stock adjustment voucher, material returned to stores, material receipt/issue from/to production unit. The system kept information of stores in terms of quantity and value, updated purchase order/manufacturing orders depending on the various stock transactions. Maintained records of rejected material, kept track of material consumption, work order wise/account head wise. It gave reports like high stock value list, item below re-order level, stores ledger and sub ledger, items above maximum level, cost of center wise/work order wise material consumption, list of non-moving and moving items.

**Responsibilities:**

* Created data extraction process to extract data and performed required business transformation Using **PL/SQL Packages, Store procedures and functions**.
* Worked on database **triggers** as well as Forms triggers to implement the system requirement on field, block and forms level and insure that business logics are working on particular event.
* Worked on Oracle Forms to create and modify forms modules for designing the interface.
* Used **PL/SQL built – in package and PL/SQL** Collection to improve the performance of the processes.
* Performed Loading and unloading, back up, performance and tuning activities.
* Wrote complex SQL queries including inline queries and sub queries for faster data retrieval from multiple tables.
* Used **Ref cursors and Collections** for accessing complex data resulted from joining of large number of tables.
* Created **PL/SQL Procedures, Function Packages and SQL queries** of mid to high complexity according to System needs.
* Assisted QA team for the bug fixing, user acceptance testing and system integration testing.

**Environment:** Oracle 9i, PL/SQL, UNIX, SQL \* Plus, TOAD.