**Sauharika Jasti**

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**PROFESSIONAL SUMMARY:**

* A competent professional with 8+ years of extensive experience in developing oracle applications using **Oracle 12c/11g/10g/9i/8i and PL/SQL** in diverse sectors including Insurance, Pharmaceutical, Banking, Health care and Aeronautical.
* Good Knowledge in **Oracle Architecture, Data Dictionary, DBMS Packages** and **Normalization Techniques**.
* Rich Experience in developing **PL/SQL Stored Procedures, Functions, Packages, Triggers, Shell-Scripts** and **SQL Loader Scripts.**
* Strong knowledge in **Oracle Cursor Management, Collections, Hierarchical Queries** and **Exception Handling.**
* Reduced time for night batch jobs by reviewing PLSQL code and modifying database parameters.
* Experience in application development using various advanced features of Oracle like **Bulk Techniques, Table Functions, Autonomous Transactions, Dynamic SQL, Object Types** and **Records**.
* Ability to implement **Agile** **Methodology** according to constraints and business needs.
* Expertise in distributed query **Performance Tuning** by using **EXPLAIN\_PLAN, SQL Trace** and **TKPROF Utilities, Hints** provided by oracle.
* Extensive experience in **Data Migration** techniques using Oracle **External Tables, SQL\* Loader, Import/ Export, Bulk** and **Batch Processing**.
* ImplementedDBA tasks such as **creating users, granting** and **revoking privileges** on database objects and taking backups.
* Good hands on experience in creation ofdatabase objects like **Tables, Views, materialized views, indexes, Synonyms** and **Sequences.**
* Worked in Client-Server application development using **Oracle Forms Builder 11g/10g/6i** and **Oracle Reports Builder 11g/10g/9i/6i.**
* Worked on **Scenario Matrix, Query/Report Analysing, Validation** and **testing** various forms built using **Forms Builder**.
* Good working knowledge of **UNIX** and **AIX** operating systems.
* Expertise in performing **Data export, Import** and various operations using **Toad**.
* Extensive experience in **Database query tuning, Performance tuning (HINTS, EXPLAIN PLAN).**
* Experience on Client-Server application development using **Oracle** **PL/SQL, SQL \*PLUS, SQL Developer, TOAD, SQL\*LOADER.**
* Thorough knowledge of front-endreporting tools**Crystal Report.**
* Expert knowledge using **Normalization Techniques** for database design withRelational technology**.**
* Experienced in **Data Analysis, Data Modeling, Development**, **Testing** and **Documentation** of projects.
* Proficient Eclipse, EJB, Struts, Hibernate, Jquery, JEE, JSP/HTML.
* Involved in **Unit Testing** and **Systems Integration Testing**.
* Provided assistance in **Logical** and **Physical Data Modeling** using **ERWIN**.
* Experienced in **Dimensional Data** **Modeling** using **Star** and **Snow Flake schema** and creating Entity Relationship diagrams and Data Modeling using **Toad** and **Visio.**
* Working experience in creating **reports** based on T**ables, Views and Procedures.**
* Experience in writing **Technical design documents** and developing unit test documents.
* Experience in developing **Perl** and **UNIX Shell Scripts**.
* Experienced in Extraction, Transformation and Loading **(ETL)** processusing PLSQL and tools like **Informatica Power Builder** and **Oracle Data Integrator.**
* Worked on ETL process using PL/SQL to populate the tables in OLTP and OLAP Data Warehouse Environment.
* Responsible for all activities related to the development, implementation, administration and support of **ETL Processes** for large scale data warehouses using Data stage ETL tool.
* Experience of building and maintaining **Microsoft Excel Spreadsheets, Pivot tables and Macros.**
* Coordinated with **DBA**s, **QA**, Release Management and external team for technical needs and to ensure the timely release of project.
* Excellent analytical and logical programming skills with a good understanding at the conceptual level and possess excellent presentation, interpersonal skills with a strong desire to achieve specified goals.
* Excellent team player working in various team sizes performing cross-functional roles.

Highly self-motivated and excellent time management skills. Strong interpersonal and communication skills .

**AREAS OF EXPERTISE:**

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| --- | --- |
| * SDLC Methodologies | * Requirement Analysis |
| * Design and Development | * Team Management |
| * Maintenance and Bug Fixes | * Offshore Coordination |
| * Production Follow-up | * Peer Code Review |

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Databases** | Oracle 12c/11g/10g/9i, SQL Server 2005/2008, DB2, Metadata |
| **Languages** | SQL, PL/SQL, Pro\*C, C/C++, JAVA, .net, T-SQL, XML, UNIX Shell Scripting, Perl Scripting, SQL\*Server |
| **Oracle Tools/ GUI** | Forms 11g/10g/6i, Reports 11g/10g/9i/6i, Discoverer 4i/10g, Oracle APEX 5.0.1/3.2 |
| **Database Tools/ Query Tools** | TOAD, PLSQL Developer, SQL\*DEVELOPER, SQL\*Loader, Oracle SQL\*Plus, SQL Navigator, Facets, BI Publisher |
| **Data Modeling Tools** | MS Visio, ERWIN, ER Studio, Toad Data Modeler |
| **ETL/ Data ware housing Tools** | Oracle Data Integrator, Oracle Warehouse Builder, ODI, Informatica Power Center 8.1/8.6 |
| **Reporting Tools** | Qlik View 11.2/10.0/9.0, OBIEE 10 |
| **Web Technologies** | HTML, HTML5, XML |
| **Other Scripting Tools** | Secure Shell, Putty, WINSCP, DOS Prompt |
| **Oracle Utilities** | SQL Loader, UTL\_FILE, TRACE, TKPROF, DBMS Utilities, etc., |
| **Operating Systems** | Windows Family, HP Unix, Sun Solaris, Linux |
| **Version Control Systems** | Visual Source Safe, IBM Rational Clear Case, AccuRev, SSRS |
| **Ticketing Systems** | Service Now, Track Studio, HP Service Center, JIRA |

**PROFESSIONAL EXPERIENCE:**

**American Home Patient, Nashville, TN Oct2016-Present**

**Role: Oracle Developer**

**Responsibilities:**

* Participated in client requirement sessions to analyze and gather business requirements.
* Involved in the Analysis, Design, Coding and Testing of the application and participated in discussion meetings about requirements.
* Developed SQL scripts to create database objects like **Tables, Views and Sequences.**
* Wrote **complex PL/SQL queries** and performed data analysis.
* Created and Modified **PL/SQL Triggers, Procedures, Functions and Packages** Extensively used for all and bulk collect to fetch large volumes of data from table.
* Involved in all working on all phases of **Software development life cycle (SDLC).**
* Developed **SQL and PL/ SQL scripts** for transfer of data between databases.
* Used **Ref cursors and Collections** for accessing complex data resulted from joining of large number of tables.
* Optimized long running application queries, analyzing tables, tuned stored procedures for maximum efficiency in various schemas across databases and monitoring data replication activities.
* Worked extensively on **Performance Tuning** handling large volume of datasets (>500 million rows)
* Reduced time for night batch jobs by reviewing PLSQL code and modifying database parameters.
* Designed and generated database objects and Oracle Forms, **Reports**, and Libraries through Oracle Designer.
* Develop new features for existing Oracle Forms (12c and 11g) applications.
* Well versed with various technologies such as, JDBC, JavaScript, JSP, Servlets, AJAX, JQuery HTML, CSS, XML, XSLT and DTD.
* Coordinated with the front end design team to provide them with the necessary stored procedures and packages and the necessary insight into the data.
* Created and modified several **UNIX shell scripts** according to the changing needs of the project and client requirements.
* Handled errors using **Exception Handling** extensively for the ease of debugging and displaying the error messages in the application.
* Used **DB- links** to connect to other local and QA databases**.**
* Used **SQL\*Loader** to load bulk data from various flat files and legacy systems.
* Designed the PL/SQL Procedures to load data from Flat files and Oracle into the target Oracle database.
* Worked on **Data Imports / Exports, Data pumps, SQL Loader.**
* Worked on tuning the SQL Queries for better performance and troubleshooting development problems by using **Hints, Indexes, Explain plan**
* Used Oracle 11g/12cand **Reports 11g** designer to create new reports. I am also using these tools to update the existing reports.
* Worked on **Database Design, Data Modeling, Migration, and Systems Architecture, Planning, Testing Query Optimization and Trouble Shooting.**
* Was responsible to update and maintain all process related documents and coordinate the effort within teams.
* Helped in maintaining an effective documentation process to track the version control and requirement changes.

**Environment:** Oracle Database 11g, Windows 7, TOAD, Oracle Forms 10g, Reports 11g UNIX Shell Scripting, SQL, PLSQL, WinSCP, Putty

**Anthem, Richmond, VA Dec2015-Sept2016**

**Role: Sr. Oracle Developer**

**Responsibilities:**

* Analyze the Business Requirements (BRD) and convert them into Technical Specification (Technical Design Document).
* Developed **user interface Forms, Reports, PL/SQL Packages, Procedures, Functions** and **Database Triggers** to meet the business requirements.
* Extensively used PLSQL tables and **Bulk loader** programs for processing data and loading into oracle tables.
* Coordinated with the front end design team to provide them with the necessary **stored procedures and packages** and the necessary insight into the data.
* Develop ETLs using PL/SQL in **Oracle 11g/12c** to extract, transform and load data from OLTP into Warehouse.
* Involved in the generation of **User Interface** using Oracle Forms by extensively creating forms as per the client requirements.
* Proactively tuned **SQL queries** leading to significant improvement in system response time and efficiency.
* Created Schema Using the **XML** schema.
* Building **UNIX shell scripts** for data migration and batch processing.
* Involved in all working on all phases of **Software development life cycle (SDLC).**
* Taken active part in Analysis, Development & Testing Phases during working with projects.
* Generated **XML** using the Procedures, Functions and Packages.
* Developed and customized existing reports as per client specific requirements using **Oracle Reports Builder 10g.**
* Used **Oracle Forms** to create new forms and maintain the existing forms.
* Worked with **SQL loader**, created control file scripts to dump the data in to the mapping tables and process the data accordingly.
* Involved in Database **Performance Tuning** using **Oracle Hints, Explain plan**, **TKPROF**, **Partitioning and Indexes.**
* Executing **XML files** in **Putty** using UNIX commands.
* Tracking logs in Putty using UNIX.
* Wrote generic PL/SQL code modules (PL/SQL Libraries) for Reports to handle data manipulations on client.
* Involved in working with the **ODI ETL tool**.
* Created and used **Table Partitions** to further improve the performance while using tables containing large number of columns and rows.
* Designed and implemented client-server application using **Oracle Forms Builder.**
* Partitioned Tables using **Range Partitioning**, **List Partitioning** and **created local indexes** to increase the performance and to make the database objects more manageable.
* Involved in delivering high performance code using advance concepts like **Bulk Collect, Collections,** and **Dynamic SQL.**
* Created and modified several **UNIX shell scripts** according to the changing needs of the project and client requirements.
* Design and Implementation of OO concepts and Design Patterns in Java/Enterprise Java.
* Created and monitored the **Oracle DBMS JOBS** as a part of weekly tasks.
* Design, develop, implement, and assist and in validating **ETL processes.**
* Analyzed and resolved issues with current and planned systems as they relate to the migration and integration of data.
* Supporting the existing and new **Data Stage** applications in order to smooth functioning of the applications.

**Environment:** Oracle Database 11g/12c, Windows 7, UNIX, SQL Developer, XML, SQL, PLSQL, Unix Scripting, Perforce, SSRS, WinSCP, Putty

**LexisNexis, Orlando, FL April 2014-Nov 2015**

**Role: Oracle Developer**

**Responsibilities:**

* Actively involved in interacting with front end users and gathered User Requirement and Online System Specification.
* Created number of database objects like **Tables, Views, Indexes, Synonyms** and **Materialized views** using **SQL Loader.**
* Involved in creating **Procedures, Functions, Packages** and **Triggers** to facilitate functionality in different modules.
* Created **Data Mapping** files for the data coming from different web services.
* Created many common components of **UNIX** and **Perl Scripts.**
* Created **Audit Tables** and implemented complex business logic using triggers.
* Used **cursors**, for cursors and **Ref Cursor** (dynamic SQL) for fetching data and processing it.
* Avoided **Mutating table errors** by using different methods like **Pragma Autonomous Transaction, Statement Level Trigger** and **multiple Triggers.**
* Worked on **XML along with PL/SQL** to develop and modify web forms.
* Used **Bulk processing** for better performance and easy retrieval of data, being a part of performance tuning of the procedures and packages.
* Developed UNIX Shell scripts to automate repetitive database processes.
* Created **Crystal Reports** with multiple drilldown and sub-reports. Loaded the data into the tables using TOAD and SQL\*plus.
* Involved in preparing test plans, unit testing, System integration testing, implementation and maintenance.
* Modified in **Perl scripts** due to database changes using SQL and Oracle PL/SQL.
* Used **SQL \*LOADER** to load large amounts of data from external files to database.
* Extensively used the advanced features of PL/SQL like **Records, Tables, Object types and Dynamic SQL.**
* Designing user-interface using tiles, JSP, JavaScript, and JQuery where users can enter vaccine related information.
* Monitoring nightly **ETL batch flow** and resolving the issues and directing it to concerned person.
* Handled errors using **Exception Handling** extensively for the ease of debugging and displaying the error messages in the application.
* Designed and developed ETL processes using **Data Stage** designer to load data from Oracle, MS SQL, Flat Files (Fixed Width) to staging database and from staging to the target Data Warehouse database.
* Worked on requirement analysis, coding and testing various modules in a software development life cycle.
* Developed **Unix Shell Scripts** to Schedule jobs to automate tasks of loading data into Tables.

**Environment:** Oracle 11g, PL/SQL, SQL\*Plus, SQL\*Loader, SQL Developer, UNIX, TOAD, Erwin, Oracle Forms 10g, Crystal reports.

**Taro Pharmaceuticals, Ossining, NY** **Jan 2013-March 2014**

**Role: Oracle Developer**

**Responsibilities:**

* Worked with the Business analysts and the DBA for requirements gathering, business analysis, testing, metrics and project coordination.
* Involved in **logical modeling** and **physical modeling** of application.
* Designed Technical design document **MD070** for the business requirements.
* Developed **Stored Procedures, Functions, Packages** and **SQL Scripts** using **PL/SQL.**
* Involved in creation of Conceptual Modeling covering all the business requirements.
* Loaded the data into database tables using **SQL\*loader** from text and excel files.
* Developed data model, **SQL Queries**, **SQL Query tuning process** and **Schemas.**
* Created **SQL\*plus reports** as per client's various needs, and developed business objects.
* Developed SQL scripts for Referential Integrity check, which checks validity of incoming data with master tables in database.
* Developed **SQL scripts, packages and procedures** for Business rules check to implement business rules.
* Developed SQL and PL/SQL scripts to transfer tables across the schemas and databases.
* Data loaded from legacy systems (**ETL Operations**) using PL/SQL and SQL\*Loader.
* 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.
* Developed Master Detail, Detail reports using tabular and group above reports.
* Developed Procedures for efficient error handling process by capturing errors into user managed tables.
* Developed **Shell scripts** to automate execution of SQL scripts to check incoming data with master tables, insert the valid data into Customer Management System and invalid data into error tables which will be sent back to sender notifying the errors.
* Worked with java developers to repair and enhance current base of PL/SQL packages to fix production issues and build new functionality and improve processing time through code optimizations and indexes.
* Performed SQL and PL/SQL tuning and Application tuning using various tools like **TKPROF, AUTOTRACE** and **DBMS\_SQLTUNE.**
* Developed **UNIX Shell scripts** to automate table creation, execute procedures.
* Created some oracle objects for **OLAP.**
* Used **Toad** for creating PL/SQL (trigger, sequence, stored procedure).
* Developed **Perl scripts** for extracting and transferring data from external systems.

**Environment:** Oracle 11g, SQL, PL/SQL, TOAD 11.5.1.2, ERWIN, ETL, XML, SQL\*Loader, SQL\*Plus, Oracle Forms & Reports 10g, UNIX, SQL Developer

**Bank of Tokyo, Exchange Place, NJ Nov** **2011-Dec 2012**

**Role: Oracle Developer**

**Responsibilities:**

* Analysed and overviewed the database design for better understanding the relations, associations and dependencies within the database.
* Analysis of business functionality with the client and the developers.
* Depending on the business requirements, created and modified database objects like **Tables, Indexes, Stored Procedures, Materialized Views, Functions, Packages, Triggers** and **Synonyms** 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 (Software Development Life Cycle)** including system analysis, High level design, detailed design, coding and testing.
* Creation of database objects like Tables, Views, Procedures using Oracle tools like **SQL\*Plus, SQL Developer** and **TOAD.**
* Supported **APEX** application and conducted performance tuning for SQL.
* Developed several pages in **Oracle Apex** for the Mortgage banking applications which involved complex business logics and needed customizations.
* Developed various complex queries to generate various reports based on the requirements.
* Used VIeditor for PL/SQL scripts and **UNIX Shell Scripting** for regular maintenance and production support to load the data in regular intervals.
* Performed Performance Tuning using **DBMS\_PROFILER** package, this checks the run time behaviour and tunes the PL/SQL programs. 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 screens and Reports using **Oracle Forms and Reports.**
* 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.
* 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 and TKPROF.**
* Worked with **Bulk Collects** to improve the performance of multi-row queries.

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

**HAL, Bangalore, India March 2010-Oct 2011**

**Role: Database Developer**

**Responsibilities:**

* Created PL/SQL **Stored Procedures, Functions, Triggers** and **Packages** for implementing business logic.
* Extensively used **Cursors, User-defined Object Types, Records** and **Tables** in PL/SQL Programming.
* Handling the tickets which comes into the queue based on the priority level. Ping the users in the chat window and confirm from them if they are able to login.
* Developed PL/SQL packages using **Indexes, Joins, Bulk Collects and Bulk Variables.**
* Developed control files for **SQL\*Loader** andPL/SQL programs to load and validate the data into the Database.
* Solving the issues which users get while working on this production Application server. Also call them and find out the issue they are going on and solve it.
* Used **Exception Handling** extensively for the ease of debugging and displaying the error messages in the application.
* Implemented features including **Materialized Views** for better performance of summary tables, Autonomous Transactions, Coding Dynamic SQL Statements.
* Involved in **SQL Tuning** by creation of indexes, rebuilding Indexes using **Explain Plan, SQL Trace** and **TKPROF Tools.**
* Created **UNIX Shell Scripts** for automating the execution process.
* Created Packages, Stored Procedures and Functions to be called by Java modules.
* Designed and Created several **Customized Reports** using **Oracle Reports 10g.**
* Designed and developed front-end applications using **Oracle Forms 10g.**
* Developed Procedures and Triggers for **Oracle Forms** and **Reports.**
* Involved in writing complex queries to generate reports as per client requests as part of production support.
* Coordinated with DBA in improving **Database Performance**.
* Involved in developing test plans and test cases based on high-level and detailed designs.
* Involved in Production Support and troubleshooting data quality and integrity issues.

**Environment:** Oracle 10g, Toad 9.6.1, Putty 0.62, RCS, SQL\*Plus, UNIX, HP QC client, Windows XP.

**Birla Sun Life Insurance Co. Ltd., India Aug 2009-Feb 2010**

**Role: Oracle Developer**

**Responsibilities:**

* Built and maintained **SQL scripts, indexes, reports** and queries for **data analysis** and **extraction.**
* Developed **Triggers, Functions, Cursors, Materialized Views.**
* Developed new processes to facilitate import and normalization.
* Created and used **DB- links** to connect to other local and QA databases**.**
* Developed new functionality in the existing application as part of change requests.
* Worked on **Defect Analysis**, **Bug Fixes** and **complex enhancement requests.**
* Provided hands on support to the users.
* Developed APIs to validate inputs and retrieve data for frontend applications.
* Developed and **customized several forms** including Tabular, Mailing Label, Matrix and Matrix with groups.
* Developed test scripts for **Forms** and also involved in functional testing of these **Forms.**
* Extensively used SQL\* LOADER and SQL Scripts to load data fast.
* Worked on **Materialized Views** to improve the performance of distributed queries.
* Developed various **UNIX Shell Scripts** to generate **Ad Hoc reports**.
* Involved in developing **Extraction-Transformation-Loading (ETL)** process using **SQL\*Loader** and **PL/SQL package UTL\_FILE**.
* Used **ERWIN** to develop logical and physical database models.
* Created Control Files and used SQL\* Loader to upload bulk data into database from external files.
* Involved in formulating general methodologies, naming conventions and coding standards for various Procedures and Packages.

**Environment:** Oracle 9i, MySQL, Oracle Forms 6i, Oracle Reports 6i, Perl Scripting, PL/SQL TOAD, UNIX, SQL\*LOADER, ERWIN.

**Siemens Medical Solutions Feb 2008-July2009**

**Role: Oracle Developer**

**Responsibilities:**

* Developed screens using **Forms 6i.**
* Developed PL/SQL Modules-**Administration Manager (AM), Cession Manager (CM), Report Manager (RM), Database Utility (DU) modules.**
* Extensively involved in **SQL Tuning** of PL/SQL modules development.
* Used PL/SQL web toolkit to develop programs for web enabling.
* Used Web request broker and PL/SQL agent for the connection to the Oracle database.
* Created reports in **Oracle Discoverer** by importing **PL/SQL functions** on the Admin Layer, in order to meet the sophisticated client requests.
* Developed Billing and Policy exhibit reports using **Reports 6i** which are sent to reinsures on regular basis.
* Developed extract reports using Reports 6i to upload information to the policy valuation/ Accounting system as well as custom reports for internal use.
* Conducted **Unit** and **Functionality Testing** of the above modules.
* Performed the documentation of the modules and reports generated.
* Implemented **Shell Scripts** for scheduling batch jobs, diagnostics.
* Responsible for **Performance Tuning** of the Forms and Reports code modules using **EXPLAIN PLAN, SQL\*TRACE, TKPROF** and **TOAD** utilities.

**Environment:** Sun Solaris 8.0, Windows NT 4.0/2000 Oracle 9i, Discoverer, PL/SQL, TOAD, Forms 6i, Reports 6i, Shell Scripting (KORN)

**ACADEMIC PROFILE:**

* Bachelor’s Degree in Information Technology with **3.5 GPA** from **Jawaharlal Nehru Technological University**, India.
* Received Appreciations from Client and Leads for completing critical releases.