SATHISH BODICHARLA

Oracle Database Developer

732-838-7310 | sathishbodicharla1984@gmail.com

[linkedin.com/in/satish-kumar-8533a634](http://linkedin.com/in/satish-kumar-8533a634)

**PROFESSIONAL SUMMARY:**

* Having 10+ years of experience with Oracle 8i, 9i, 10g, 11g R1, 11g R2, 12c, 19c working as Oracle Developer and developing back-end modules, such as packages, functions, procedures, triggers, object types, views, and snapshots for multitier business applications, OLTP systems, in SQL and PL/SQL.
* Expert in writing Stored Procedures, Functions, Database Triggers and Packages using PL/SQL.
* Creating and Managing the Database Objects Such as Tables, Indexes and Views
* Experience in data loading, export/import, Data Pump and backup/restore, session monitoring, providing technical support to Oracle users, Oracle Client installation, and network environment setup.
* Good Experience in using SQL\*Loader, Export, Import and Data Pump.
* Extensive usage of Autosys Tool for the scheduling the Extract Jobs and monitoring the jobs which are scheduled and running.
* Extensively used the Data Pump Utility to export/Import the tables from one schema to other schema and Different Environments.
* Having Good Experience of using External Tables as a file to read the CVS files.
* Having Good Experience of Generating the Explain plan and execution plan for tuning the top SQLs and reduce the cost for Cost Based optimizer.
* Good experience of Performance Analysis and SQL query tuning, response time reducing, while designing scalable applications from scratch and maintaining existing ones, using AWR, EXPLAIN PLAN and TKPROF.
* Developed complex triggers using PL/SQL for data integrity and enforcing business rules.
* Extensive and very intense SQL coding, database modeling, and development experience for OLTP database and OLAP database.
* Experience using SQL\*Navigator and TOAD for query building and analysis and manipulations of databases for checking compatibility and integrity of RDBMS.
* Involved for Writing RedHat Linux/Unix Shell Scripts for backups and batch/job scheduling.
* Experience in supporting the various production issues addressed by the users from the client side and providing them with required solutions.

**EDUCATION:**

* Bachelor of Technology, Madina Eng. College (Affiliated to JNTU), Kadapa, Andhra Pradesh, India

**TECHNICAL SKILLS:**

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| Oracle Tools | SQL\*PLUS, TOAD, ORACLE, SQLDeveloper, D2K (Developer 2000) |
| Oracle Utilities | Export/Import, Data Pump, SQL\*LOADER |
| Languages Databases | Shell Scripting, SQL, PLSQL, Java  Oracle 19c/12c/11g/10g/9i |
| Scheduling Tools | Control-M, Autosys |
| Operating System | UNIX, Red Hat Linux, Windows 9x/XP |

**PROFESSIONAL EXPERIENCE:**

**Apple, Sunnyvale, CA Jul ’16 – Present**

**Oracle Database Developer**

Apple’s Word Wide Retail Commerce (WWRC) has Point of Sale (POS) group which manages an application used in Apple retail stores across the world. The POS application is equipped to perform simple and complex sales, returns and service transactions, through its easy-to-use touch devices.

**Responsibilities:**

* Study and Understand the Existing data model like logical (LDM), physical (PDM) and entity relationship diagrams (E-R) for master, transactional and security Databases.
* Extensively created the tables, views, and Indexes in the development Environment for US Datacenter.
* Developed the PL/SQL Objects like Stored Procedures, Packages, and Functions for POS applications based on different GEO conditions.
* Worked extensively on creating tables, External Tables, Indexes, Views, stored procedures, functions, and packages as for the Business Logic of the application.
* Extensively working as Oracle 12c for developing the oracle Database Objects in development and qa Environment.
* Extensively moving and migrating the Database objects which are created in oracle 11g to oracle 12c.
* Creating and supporting the Database for oracle 11g and oracle 12c.
* Generating the AWR Report and identifying the top SQL’s In the Database.
* Understanding and Analyzing the AWR report and Explain plan/Execution plan and tuning the sqls by applying the Hints.
* Study and Understanding of the AWR Report and Identifying the Physical and logical Reads, Gets/Reads, wait events of the Database.
* Extensive usage of Autosys Tool for the scheduling the Extract Jobs and monitoring the jobs which are scheduled and running.
* Monitoring the scheduled Jobs in the Autosys and Identifying for the Job Delays and Issue for root cause Report Generation.
* Extensively used the shell scripts to run the Extract jobs for Generating the Daily Report for different Geos.
* Working with entire POS team members and collecting the db changes which are planned for qa and higher environments as for releases.
* Good Experience in using SQL\*Loader, Export, Import and Data Pump.
* Extensively used the Data Pump Utility to export/Import the tables from one schema to other schema and Different Environments like from qa to dev and Integration.
* Having Good Experience of using External Tables as a file to read them. Csvs and fpmls.
* Having Good Experience of Generating the Explain plan and execution plan for Tuning the top SQLs and reduce the cost for Cost Based optimizer.
* Co-coordinating with team members and fixing the errors which occurred on Integration Environment and making sure those should not occur in Higher Environments (qa/it/prod).
* Creating the Database objects (Tables, views, Indexes, packages, functions, and procedures) In development Environment and making sure all the db objects sync with Integration environment.
* Implemented the Unit test by posting the .csv files and validating the Data into the tables and making sure they are working as per the requirement.
* Finding the db Exceptions in all environments (qa/pre-prod/prod) by querying Exceptions table and Finding the root cause for Exceptions.
* Finding the Failed/Exceptional trades in the log files by connecting the Linux servers and identifying the failed trades for root cause.
* Creating the table backups before creating the partitions on the database tables which required partitions.
* Applying Indexes and database Hints for Database objects and tuning them for performance.
* Implementing the better Explain plan for long running sqls by applying the oracle hints and order of execution.
* Writing the SQLS for Data fixes and implementing the sqls through dbas and production databases.

**Environment:** Oracle 19c, SQL Developer, Toad Autosys, SQL plus, Linux/Unix, shell script, Java, GIT

**Northern Trust, Hyderabad, India Jul ’12 – Jun ’16**

**Oracle Database Developer**

Exchange Traded Fund (ETF) applications provide the Domestic and International Equity and Fixed Income Index Portfolio Managers the capability of acting as investment managers for Northern Trust Flex shares ETFs. The ETF Governance Tool will enable users to Manage ETF Funds.

**Responsibilities:**

* Involved extensive interaction with the users to determine their requirements.
* Requirement gathering, analysis, designing, programming and unit testing.
* Study and Understand the Existing data model like logical (LDM), physical (PDM) and entity relationship diagrams (E-R).
* Created, Monitored, and implemented the solutions as required in a Service Request (SR’s).
* Created the Control Files to load the data from flat files to oracle systems Using SQL LODER.
* Worked with Import and Export of the Database Utilities for taking the backup of the tables and loading into Different environments.
* Created the explain plan for long running sqls and applied hints and changed for better plan.
* Extensively used the shell scripts to run the for-Batch jobs for generating the Daily Reports.
* Good Experience in using SQL\*Loader, Export, Import and Data Pump.
* Extensively used the Data Pump Utility to export/Import the tables from one schema to other schema and Different Environments.
* Having Good Experience of using External Tables as a file to read the Mainframe flat files.
* Having Good Experience of Generating the Explain plan and execution plan for tuning the top SQLs and reduce the cost.
* Modified the PL/SQL Stored Procedures, Packages, and Functions & Database Triggers to support and Enhancements or changes in the Existing open systems Application.
* Worked extensively on creating tables, Indexes, Views, stored procedures, functions, triggers, and packages As for the Business Logic of the application.
* Written the Complex SQL Queries As for the data Request from the client and Open System Developers.
* Extensive usage of Control-M Tool for the scheduling the Extract Jobs and monitoring the jobs which are scheduled and running.
* Monitoring the scheduled Jobs in the Control-M and Identifying for the Job Delays and Generating the Daily Reports.
* Written SQL and PL/SQL Involving in Tuning Complex SQL Queries for Better Performance in Database Objects.
* Generating the AWR Report and identifying the top SQL’s In the Database.
* Understanding and Analyzing the AWR report and Explain plan/Execution plan and tuning the sqls by applying the Hints.
* Study and Understanding of the AWR Report and Identifying the Physical and logical Reads, Gets/Reads, wait events of the Database.
* Extensive Usage of Toad and SQL Developer for Execution of the database Objects (Procedures and Functions) and to Develop changes or Modifications for Existing objects in Different Environments.
* Good Exposer and Involved for Writing Unix/Linux Shell Scripts for Scheduling the oracle jobs and Batch jobs and backups.
* Involved in creating and modifying the existing database packages stored procedures and Functions as for the Enhancements and changes for the application.
* Written complex queries and stored procedures using sql \*plus and monitored databases using TOAD.
* Experienced in creating Materialized views and tuning them.
* Created tables, indexes, views, sequence, synonyms.
* Implemented the code involved in modifying the database records using nested queries and PL/SQL routines.
* Supported Advance PL/SQL using Cursor, REF Cursor, and Native dynamically created SQL within Procedures Dynamic SQL.
* Developed Complex system and application triggers using PL/SQL for data integrity and enforcing business rules.
* Improved performance of Application using PL/SQL Packages and Oracle in built Packages.
* Manipulated Complex Data types within PL/SQL using collections.

**Environment:** Oracle 11g, SQL Developer, Toad, Control-M, Linux, SQL plus, PL/SQL Developer, .NET.

**JPMC, Chennai, India Jul ’11 – Jun ’12**

**Oracle Database Developer**

JPMC TS Pillar 2 is a Database migration from Tandem Database to ORACLE Database using ORACLE GOLDEN GATE (OGG) and development of various reports using Crystal reports used by the Treasury & Securities Services divisions. Packages and Procedures are created using PL/SQL which drives the output to the crystal reports by the Ref Cursors. CMS is an external tool used to run the scheduled reports.

**Responsibilities:**

* Involved extensive interaction with the users to determine their requirements.
* Requirement gathering, analysis, designing, programming and unit testing.
* Involved in the design of the flow and entity relationship diagrams.
* Created, Monitored and implemented the solutions as required in a SR. Developed packages for inserting values into various tables.
* Develop PL/SQL Stored Procedures, Packages, and Functions & Database Triggers to support the upgrades in the application.
* Good Exposer and Involved for Writing Unix/Linux Shell Scripts for scheduling the oracle jobs and making Schedules for logical backups using Export/Import Utilities.
* Performed database tuning with Stats pack and AWR.
* Written complex queries and stored procedures using sql \*plus and monitored databases using TOAD.
* Worked extensively on creating tables, Views, stored procedures, functions, triggers and packages using PL/SQL.
* Involved in creating and modifying the existing database packages stored procedures and triggers.
* Created tables, indexes, views, sequence, synonyms.
* Planning and implementation of security user access and privileges for database objects/application data, Control user privileges within a database.
* Implemented the code involved in modifying the database records using nested queries and PL/SQL routines.
* Supported Advance PL/SQL using Cursor, REF Cursor, and Native Dynamic SQL.
* Developed Complex system and application triggers using PL/SQL for data integrity and enforcing business rules.
* Improved performance of Application using PL/SQL Packages and Oracle in built Packages.
* Manipulated Complex Data types within PL/SQL using collections.

**Environment:** Oracle 11g, Toad, Crystal Reports, SQL Plus, PL/SQL Developer

**Sundaram finance, Chennai, India Jul ’10 – Apr ’11**

**Oracle Pl/SQL, Developer/DBA**

Project Sundaram deals with Lending applications. These applications include various Finance modules Like Receipts, Payments GL Ledger, Challan and PDC.

**Responsibilities:**

* Responsibilities: Involved in requirements study technical analysis and database design & tasks identification.
* Created tables PL/SQL procedures, functions, Triggers, and packages wherever required for the application.
* Writing the stored procedures and checking the code for efficiency, tuning sql queries to get best response time.
* Performance tuning was extensively done using EXPLAIN\_PLAN and TK\_PROF to reduce the execution times of the queries.
* Developed Interfaces using PL/SQL.
* Develop procedures, functions, packages using Inline views, Materialized views, Dynamic Sql to create reports and views for the Hyperion planning and Essbase system.

**Environment:** Oracle 10g, PL/SQL, Java, ADF (Application Development framework), D2K(Forms and Reports)

**BKIC, Hyderabad, India Aug ’07 – Mar ’10**

**Oracle Pl/SQL, Developer/DBA**

Fins-BKIC provides a comprehensive insurance solution for the client. It handles difference Modules namely Underwriting, Claims, Reinsurance and Accounts across all its departments’ viz. Marine, Health and Motor and Fire and General Accident (FGA).

**Responsibilities:**

* Extensively involved in PL/SQL programming on Oracle 9i database engine.
* Provide database design support for new system development set.
* Set oracle standards for object names and usage.
* Worked extensively on creating tables, Views, sql stored procedures, functions, triggers and packages using PL/SQL.
* Used TOAD as an Oracle developer tool.
* Extensively worked on database cursors and collections in Oracle database.
* Proficient in using SQL\* Loader and external tables to transfer data from operating system flat files to the Oracle database.
* Tuning SQL queries & use of range/list partitioning and materialized views.

**Environment:** Oracle 9i/10g, D2K (Forms and Reports)