**Sudheer Kumar**

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**Professional Summary:**

* Around **8+ years** of programming experience as an **Oracle PL/SQL Developer** in Analysis, Design, Data Modeling (Logical and Physical), and Implementation of Business Applications using the Oracle Relational Database Management System(**RDBMS**).
* Extensive experience in Data Transformations, Data Loading, Database Modeling and Performance Tuning.
* Experience in different phases of **Oracle Application implementation** life cycle including Technical Design, Data Conversion, OracleForms development, and Oraclereport development, Unit Testing, Integration Testing, End User Training, and Production Support.
* Designed and developed over a hundred OracleReports and Forms for both Oracle Applications and Custom Development.
* Knowledge on data ware housing concepts and implementation using oracle ware housing.
* Expert in creating indexed Views, complex Stored Procedures, effective functions, and appropriate Triggers to facilitate efficient data manipulation and data consistency.
* Experience in ETL methodology for supporting Data Extraction, transformations, loading to process solution in a corporate-wide-**ETL** Solution Experience in Database design using **Normalization** and E/R Diagrams.
* Extensive experience in developing **UNIX Shell scripts**, SQL and PL/SQL (Coding Procedures, Functions, Database Packages and Triggers).
* Expertise in Database **Performance Tuning** and Optimization of SQL statements using Oracle Hints, Explain plan, Tkprof, SQL\*Trace and Table partitioning.
* Experience in creating SQL loader scripts to load data from flat files into the database and also creating external tables to manage data which is stored at the OS level.
* Experience in advanced PL/SQL constructs like Oracle supplied Packages, Nested tables, Varrays, Records, Types, Dynamic SQL, BLOB.
* Experience in writing Explicit Cursors and Handling Exceptions while developing the applications.
* Experience in all aspects of analytics/data warehousing solutions (Database issues, Data modeling, Data mapping, ETL Development, metadata management, data migration and reporting solutions).
* Proficient in **ETL Processes** using **Oracle PL/SQL**, **Unix Scripts** and **SQL\*Loader** for data migration to Enterprise Data Warehouse with large data volume.
* Proficient in **Shell Programming** and **Deployment of Packages** to various **Linux Servers.** Well known inmonitoring **Linux Servers**, their hardware using **HP-Java Console**.

**Technical Skills:**

**RDBMS Oracle 11g/10g, Oracle 9i, MS-SQL Server 2008**, **MYSQL, MS-Access**

**Operating Systems Red Hat Linux, Fedora, Ubuntu, Windows NT/2000/2008**

**Languages C, Pointers in C, SQL, SQR, PL/SQL, Shell Scripting, .NET, Core Java,**

**Excel Macro Programming, HTML, XML**

**Oracle Tools SQL Developer, TOAD, SQL\*Plus, iSQL\*Plus, SQL Loader, Oracle Forms/Reports, Oracle Procedure Builder, Oracle Enterprise Manager**

**Other Tools Developer 10g/9i, Reports 10g, Forms 11g/6i, Crystal Report 2008/XI, Informatica, FTP tool, MS-Visio, AutoSys, ERWIN, HP Console, AWD**

**Professional Experience:**

**Client: Lincoln Financial Group, Fort Wayne, INJuly 2013 – Till Date**

**Role: Oracle Developer**

* Analyzed customer specifications and Involved in Design, Construction, Testing and deployment of Project
* Worked in finding manageable strategies to handle massive amounts of data (millions of records per day) in a production environment. The company and the nature of the environment impose strict use of best software designing principles and quality assurance practices.
* Performed Auto-Sys, to schedule and execute windows batch program which executes PLSQL script to generate delimiter separated text file.
* Developed in-line functions which are used to retrieve customized data based on input parameters
* Knowledge of data model, SQL Queries, SQL Query tuning process and Schemas. Worked with bulk collect to implement the performance of multi row queries.
* Extracting data from the AWD Database and creating a ‘,‘ separated file (flat file) by writing SQL queries
* Developed both data processing PL/SQL modules (procedures, functions, triggers, packages) and analytical SQL queries for reports.
* Involved in Design and Develop scripts/packages using Oracle PL/SQL (Procedure, Views, and Packages) to load the data into the Database.
* Developed Stored Procedures for various validations while inserting data into the tables and developed PL/SQL Packages for incorporating the business rules.
* Developed both data processing PL/SQL modules (procedures, functions, triggers, packages etc) and analytical SQL queries for Crystal reports.
* Developed SQL and PL/ SQL scripts for migration of data between databases
* Created views for reporting purpose which involves complex SQL queries with sub-queries, inline views, multi table joins, with clause and outer joins as per the functional needs in the Business Requirements Document (BRD)
* Design and Develop ETL scripts/packages using Oracle PL/SQL (Procedure, Views, Packages) to load the data into the warehouse.
* Created/updated ETL procedures to transfer data from legacy source to staging area and from staging area to data warehouse and to data marts with Business Intelligence reporting layers. Prepared/updated shell scripts for ETL to run in batch.
* Developed PL/SQL Triggers to monitor the database activities and to implement some database constraints.
* Tuning of SQL Queries, Procedures, Functions and Packages using EXPLAIN PLAN and TKPROF.

**Environment:** Oracle 11g, SQL, PL/SQL, SQL\*PLUS, Putty, SQL Loader, TOAD, SQL Developer, Linux.

**Client: CSC, West Des Moines, IA Nov 2011-June 2013**

**Role: Oracle Developer**

* Involved in the full development lifecycle, responsible for collecting business requirements, System Analysis, Functional Specifications, Detailed Technical Design, Application development, Data Modeling, Data Warehouse Implementation.
* Analyzed customer specifications and custom design of applications successfully and implementing designs in new/existing application using PL/SQL.
* Generating DDL files to create new database objects like tables, views, sequences, functions, synonyms, indexes, triggers, packages, stored procedures, roles and **granting privileges** by incorporating business standards throughout the files.
* Involved in **Design of Data modeling** including logical, physical data modeling and dimensional data modeling using **ERWIN**.
* Developed PL/SQL Packages, Procedures and Functions for validating the information from the **legacy system** and imported into Oracle Applications using the Open Interface Import program and populated the base tables.
* Developed technical specification documents with screens, data conversion, and document technical design to meet requirements.
* Develop **data conversion** and load scripts utilizing appropriate tools to transfer data from legacy systems to Oracle database
* Involved in creation of **Conceptual Modeling** covering all the business requirements.
* Developed Stored Procedures for various validations while inserting data into the tables and developed PL/SQL Packages for incorporating the business rules.
* Created and ran **Process Flows** consisting of **Transformations** and **Mappings** using Oracle Warehouse Builder **OWB**.
* Developed SQL scripts to **create database objects liketables, views** and **sequences.**
* Tune SQL statements, used **hints** for **maximum efficiency and performance**
* Developed data model, **SQL Queries**, **SQL Query tuning process** and **Schemas**. Worked with **bulk collect** to implement the performance of multi row queries.
* Developed **SQL scripts** for **Referential Integrity check**, which checks validity of incoming data with master tables in database.
* WritingUNIX **shell scripts** (**ksh**) to load flat files, event logging and to automate report scheduling in **Crontab** and **Autosys.**
* Used **UTI\_FILE PACKAGES** for writing **DBMS\_OUTPUT** messages to file.

**Environment:** Oracle 11g, SQL, PL/SQL, SQL\*PLUS, Putty, SQL Loader, TOAD, SQL Developer,   
 Linux.

**Client: LexisNexis, GA Apr 2010-Oct 2011**

**Role: Oracle Developer**

* Collaborated with the Business analysts and the DBA for requirements gathering, business analysis, and testing and project coordination.
* Involved in logical modeling and physical modeling of application.
* Created Stored Program Units like Functions, Triggers and procedures for implementing complex database intensive business rules.
* 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.
* Worked with bulk collect to implement the performance of multi row queries.
* Involved designing, developing **Extraction, Transformation, and Load (ETL)** scripts utilizing **SQL, PL/SQL** utilities and provide solutions to critical issues enhancing performance and productivity to the project
* Analysis of business requirements, preparation of source-target mapping documents, develop data load components using **ETL procedures**, conduct unit testing and code walkthroughs to ensure there are no missing elements, and perform integration testing.
* Involved in developing **ETL Process** to Load the Data from different sources, developed **ETL**type processes using bulk processing.
* Developed SQL scripts, packages and procedures for Business rules check to implement business rules.
* Involved in development of Oracle Forms/Reports, New Screen designs, Modifications.
* Developed Procedures for efficient error handling process by capturing errors into user managed tables.
* Developed Unix 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. Used Toad for creating PL/SQL (trigger, sequence, stored procedure).

**Environment:** Oracle 11g/10g, SQL, PL/SQL, SQL\*Loader, UNIX Shell script, TOAD, Oracle Forms   
 10g, Reports10g,UNIX, Windows XP.

**Client: Amazon, WA Feb 2009-Mar 2010**

**Role: Oracle Developer**

**Responsibilities:**

* As a Developer involved in multiple projects. Some of the applications were developed using ASP, Visual Basic and Oracle as a back end.
* Apply the appropriate standards, processes, procedures, and tools throughout the development life cycle.
* Identified the Business Processes, roles and user interactions with the system in the current ‘as is’ process and future ‘to be’ process.
* Involved in **Requirement Analysis, Estimation, Design, Coding, and Testing** and on-time delivery. Allocation of tasks to the offshore resources. Monitoring the activities and efforts of the offshore team.
* Develop highly complex applications using Oracle 11g database as back-end with expertise in design and development of **Oracle PL/SQL Packages and Procedures**. Superior skills in designing and developing **Oracle objects** such as **Tables, Views, Indexes, Stored Procedures** and **Functions in PL/SQL, Packages in PL/SQL, Materialized Views, and Dynamic SQL.**
* Write PL/SQL Programs. Used **SQL\*Loader** to load the data from flat files to oracle Tables.
* Develop advanced **SQL \*Loader scripts** for **conditional data loads. Tune PL/SQL code** and other SQL for efficient processing. Used advanced oracle features such as **table partitioning, bulk binds.**
* Responsible for implementation, data migration at client place. Migrated data from flat files (which were in UNIX system) to Oracle tables using SQL \* Loader and stored procedures.
* Involved in developing, testing, compiling, debugging and maintains the data using oracle, PL/SQL, UNIX.
* Involved in moving the schema using **export** and **import** from production to Development and Development to Test Boxes.
* Defined Key performance index using dashboards and websites to drive high business performance.
* Prepare **ETL** Process for parsing of extracted data, validate data. Involved in **ETL Development** using native Oracle tools (**SQL\*LOADER, Oracle PL/SQL).**
* Physical modeling of databases, database object creation and development of **oracle pl/sql packages** and **UNIX shell scripts** to implement business functionality.
* Re-designed/Re-factored reporting queries to make use of 11g database new features and to maximize the performance
* Analyze system capabilities to resolve questions of program intent, output requirements

**Environment:** Oracle 11g/10g, Oracle 11g Forms & Reports, PL/SQL, TOAD, UNIX, Windows XP.

**Client: Kodak, NY Dec 2007-Jan 2009**

**Role: Oracle Developer**

**Responsibilities:**

* Collaborated 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.
* Developed Stored Procedures, Functions, Packages and SQL Scripts using PL/SQL. 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.
* Developed SQL scripts for Referential Integrity check, which checks validity of incoming data with master tables in database.
* Data loaded from legacy systems (ETL Operations) using PL/SQL and SQL\*Loader.
* 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.

**Environment:** Oracle 10g,Oracle Forms 10g, PL/SQL, TOAD, SQL Developer, Shell scripting   
 (Bourne and Korn), SQL\*loader, Stored Procedures/Triggers, XML, Sun Solaris 5.6.

**Client: Eastern Research Group, MA June 2005-Nov 2007**

**Role: Oracle Developer**

**Responsibilities:**

* Requirement analysis and database design. Assisted in designing the system flow.
* Managed the different life cycles of the project and controlling the cost. Documented business rules, functional and technical designs, test cases, and user guides.
* Developed various complex business processes using procedures, functions and packages. Used Pipeline functions
* Coded complex SQL queries to retrieve data from the database depending on the need. Created Cursors and Ref cursors as a part of the procedure to retrieve the selected data. Made use of Bulk Collect feature to process the data from cursor/ Ref Cursors.
* Performed exception handling for the procedures created. Written and edited shell scripts to automate the execution of the procedures and report the results through e-mail.
* Experience in resolving anomalies in the production database. Created indexes for faster retrieval and improved query performance.
* Worked with performance tuning tools like Oracle optimizer, explain plan, hints to improve the database performance
* Creation and modification of Batch cycles, ensuring all batch processes, schedules, and backups have been completed in a timely manner on Linux and NT systems using Control-M Enterprise manager.
* Linux Programmer, written shell program to dynamically generate Batch Jobs in TEST, SYST and PROD environment using Control-M.
* Development of Batch Process/Jobs Using Control-M Desktop tool. Setting of baselines, trends, incidents and availability.
* Deployment of Application Change Service Request's - Copy, move, and ftp files across environments.
* Removal of jobs, changing of in/out conditions, Ordering/Loading/Forcing of jobs or tables into the schedule, monitoring of schedule to include fixes or escalation at Control-M EM.

**Environment**: Oracle 9i, Windows, PL/SQL, SQL Loader, Batch Scripting, PL/SQL, Control-M   
 Enterprise Manager, Red Hat Linux, TOAD, HP-Java Console, SQL\*Plus, Shell scripts.