**Varun Reddy**

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**Professional Summary:**

* Around 8 years of Experience working with Oracle, Toad, SQL\*plus, SQL \* developer, SQL\*loader, MS SQL Server and Business Intelligence products.
* Experience in all phases of Software Development Life Cycle (SDLC) such as Requirement gathering, Analysis, Development, Testing, Implementation and Support.
* Experienced in writing SQL statements, PL/SQL code for the database objects such as tables, views, indexes, sequences, procedures, functions, packages, and triggers.
* Perform XML operations for data extracts, data retrieval and data storage.
* Hands on experience in writing, maintaining, testing and debugging code in applicable programming languages.
* Worked extensively on Erwin and ER Studio in both OLAP and OLTP applications.
* Practical understanding of the Data modeling (Dimensional & Relational) concepts like Star-Schema Modeling, Snowflake Schema Modeling, Fact and Dimension tables.
* Experienced in writing SQL queries and SQL tuning, understanding requirements, writing functional specs, writing test specs and plans.
* Expertise in using GITHUB for code check in, check out and maintenance of the repository.
* Strong development and support knowledge on Oracle, SQL, PL/SQL, T-SQL queries programming and creating objects such as Stored procedures, packages, functions, triggers, tables, and views.
* Experience working with Business Intelligence Tools and Reporting tools like Crystal Reports.
* Implemented full transition from ADP Payroll to Ceridian Payroll, including the General Ledger Interface.
* Expertise in Optimizing Database performance, Hints, Indexing, Materialized View, Partitioning, Parallel processing, pipelining, managing locking scenarios for multiple users.
* Expert in Developing SSIS (SQL Server Integration Services) Packages Extracting, Transforming and Loading (ETL) data into the Data warehouse from Heterogeneous databases such as Oracle, DB2, Sybase and MS Access.
* Knowledge of Oracle 11g, 12c, Oracle Exadata, SQL, PL/SQL, OFSAA Data Architecture, Unix shell scripting and advanced performance tuning concepts. Have experience writing complex queries using regular expressions and hints when applicable.
* Experience in all major versions of technology stack including Database, Forms, Reports, PL/SQL.
* Expert in writing parameterized queries for generating tabular reports, formatting report layout, sub reports using global variables, expressions, functions, sorting the data, defining data source and subtotals for the reports using SSRS (SQL Server Reporting Services)
* Comprehensive Experience in various types of oracle technology-based projects in multi-tier environment for sectors like Banking, Insurance and Manufacturing.
* Excellent writing, presentation, documentation and communication skills for the management, development.
* Used Git and GitHub for integration and source control.
* Team player with proven ability to introduce change and move an organization towards and innovative Technology.

**Technical Expertise:**

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| **Databases** | Oracle , SQL Server , MySQL, Microsoft Access |
| **Oracle Software** | TOAD, SQL\*PLUS, SQL Navigator, ERWIN, Oracle […] SQL Assistant, TKPROF, EXPLAIN PLAN,SQL\*Loader, Export, Import, SQL Developer |
| **Integration/ETL/Reporting Tools** | Business Intelligence Development Studio (BIDS), SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), Informatica |
| **Other Software's** | MS Visio, MS Project, MS Office |
| **Scripting** | HTML, XML, CSS, Korn & Bourne Shell Scripting |
| **Languages** | SQL, PL/SQL, C, C++ |
| **Operating systems** | Windows , Enterprise Redhat Linux, Unix |
| **Methodologies** | SDLC, Agile, Iterative and incremental |

**Professional Experience:**

**Client: Vantiv, Cincinnati, OH March '2017 – May 2018**

**Title: Senior PL/SQL Developer**

**Responsibilities:**

* Developed Advance PL/SQL packages, procedures, triggers, functions, Indexes and Collections to implement business logic using SQL Navigator. Generated server-side PL/SQL scripts for data manipulation and validation and materialized views for remote instances.
* Created management analysis reporting using Parallel Queries, Java stored procedure, HTP Package and WEB.SHOW\_DOCUMENT. Participated in change and code reviews to understand the testing needs of the change components. Worked on troubleshooting defects in timely manner.
* Experience in Database Application Development, Query Optimization, Performance Tuning and DBA solutions and implementation experience in complete System Development Life Cycle.
* Used SQL Server SSIS tool to build high performance data integration solutions including extraction, transformation and load packages for data ware housing. Extracted data from the XML file and loaded it into the database.
* Experienced as Oracle developer on Exadata and standard configurations in large production environments with database implementation on UNIX and Windows.
* Designed and developed Oracle forms & reports generating up to 60 reports.
* Performed modifications on existing form as per change request and maintained it.
* Used Crystal Reports to track logins, mouse overs, click-through, session durations and demographical comparisons with SQL database of customer information.
* Worked on SQL\*Loader to load data from flat files obtained from various facilities every day. Used standard packages like UTL\_FILE, DMBS\_SQL, and PL/SQL Collections and used BULK Binding involved in writing database procedures, functions and packages for Front End Module.
* Used principles of Normalization to improve the performance. Involved in ETL code using PL/SQL to meet requirements for Extract, transformation, cleansing and loading of data from source to target data structures.
* Implemented full transition from ADP Payroll to Ceridian Payroll, including the General Ledger Interface.
* Expertise in using GITHUB for code check in, check out and maintenance of the repository.
* Involved in the continuous enhancements and fixing of production problems. Designed, implemented and tuned interfaces and batch jobs using PL/SQL. Involved in data replication and high availability design scenarios with Oracle Streams. Developed UNIX Shell scripts to automate repetitive database processes.
* Generated specific reports using crystal report system.

**Environment**: VB6, JAVA, Oracle 10g/11g, PL/SQL, SQL\*LOADER, Exadata, Oracle Streams 10g (Replication), SQL PLUS, HTML, ADP payroll, crystal reports, SQL Server SSIS, TOAD, XML, Github, HP-UNIX shell scripting.

**Client: Deutsche Bank - Jersey City, NJ March '2016 - Feb ‘2017**

**Title: Senior PL/SQL Developer**

**Responsibilities:**

* Gather requirements for change requests with the Business team and create design documents
* Provide User Access to Business End Users to the Front-end tools after getting the required approvals
* Create PL/SQL packages for implementing Change Requests for adding new functionality to the application
* Created database objects like Tables, Views, Sequences, Synonyms, Stored Procedures, Functions, Packages, Cursor, Ref Cursor and Triggers.
* Wrote complex SQL Statements, Complex Joins, Co-related Sub-queries and SQL Statements with Analytical Functions
* Extensively used Oracle Hints to direct the optimizer to choose an optimum query Execution Plan
* Developed an inbound AppEngine that gets the information from ADP biweekly with all the information in it after the run of payroll (ADP Payroll File) and updates the information in payroll tables, so that GL\_POST app message keeps in synch of the Payroll data posted to GL.
* Knowledge of Oracle 11g, 12c, Oracle Exadata, SQL, PL/SQL, OFSAA Data Architecture, Unix shell scripting and advanced performance tuning concepts. Have experience writing complex queries using regular expressions and hints when applicable.
* Extensively used Bulk Collection in PL/SQL Objects for improving the performance
* Handled errors using Exception Handling extensively for debugging and maintainability.
* Automated Oracle workflows using Unix Cron Utility in Unix Environment.
* Created Parameterized Reports and Customized Existing Reports for presentations using Cross-Tab reports and Sub-reports and Running Totals/Formulas in crystal report.
* Responsible for writing Unix Shell scripts for loading data using SQL\*Loader. The Control Files for the tables were created and automated through UNIX shell scripts to perform data load in to Oracle tables. Used SQL Loader and PL/SQL scripts to load data into the system application.
* Performed Data Cleansing to weed out erroneous Orders from the DWH tables
* Extensively used Toad to develop Oracle PL/SQL Packages.
* Create Procedures and Functions in SQL Server to migrate data from Legacy servers to Oracle Datawarehouse tables
* Expertise in using GITHUB, for code check in, check out and maintenance of the repository.
* Worked on Sessions & workflows for variety of loads starting from Source to Target
* Created Parameter Files to override session properties for source directory, Bad file Directory, Source, Target & created Mapplet parameters for Mapplets
* Created Mappings using Designer, Extracted the data from the flat files and other RDBMS databases into staging area and loaded onto Data Warehouse
* Developed reusable Workflows, Worklets, Mappings and Mapplets using transformations including Router, Aggregator, Lookup, Filter, Expression, Sequence Generator, Update Strategy, Joiner and Union
* Create Shell scripts for automating the business logic
* Create ABPP (Agile Business Process Platform) workflows which sequences the execution of Oracle Packages
* Deploy the code across the environments to main code consistency and update the same in Clear Case for version control
* Create Test Cases for verification and validation of the Change Requests

**Environment**: Oracle 10g / 11g/12c, SQL, PL/SQL, SQL\*PLUS, SQL\*Loader, Exadata, ADP payroll, Oracle forms 9g/10g, Crystal reports, Github, TOAD, UNIX.

**Client: Daimler Financial Services, Detroit, MI June '2015 - Feb ‘2016**

**Title: Oracle PL/SQL Developer**

**Responsibilities:**

* Involved in SDLC gathering requirements from end users. Participated in system analysis.
* Participated in code walkthroughs and review sessions with the development team.
* Developed stored procedures and triggers to facilitate consistent data entry into the database.
* Written Stored Procedures using functions and cursors for common utilities.
* Developed views to facilitate easy interface implementation and enforce security on critical customer information.
* Integrated packages and procedures to work with Web-Services.
* Extensively Used the DBMS\_XMLGEN and DBMS\_XMLSTORE package to generate and insert XML files in Oracle 11g.
* Performance Tuning for queries, functions and procedures for efficiency on Production environment.
* Analyzed the PROD data and developed Data Fix queries, including the cascade tables.
* Participated in system analysis and data modeling, which included creating tables, views, indexes, synonyms, triggers, functions, procedures, cursors and packages. Created programming code using advanced concepts of Records, Collections and Dynamic SQL.
* Developed Automated Batch Jobs to perform frequently running jobs.
* Monitored Indexes (XMLType: XMLIndex) and analyzed their status for performance tuning and query optimization.
* Hands-on experience working with source control using Git and Github.
* Designed/developed tables, views, materialized view, stored procedures, packages and functions.
* Used advanced Bulk techniques (FOR ALL, BULK COLLECT) to improve performance. Developed Installation scripts for all the deliverables.
* Generated Complex reports in Cognos 10.1 report studio including Drill Down reports from DMR modeled Frame work model.
* Automated scripts by scheduling control-M jobs, by using PowerShell scripts and windows scripting for improvement in performance of reporting.
* Designed AutoSys based solutions for communication of issues to technical teams.
* Involved in performance tuning on SQL using AUTO TRACE, EXPLAIN PLAN, TKPROF utilities.
* Performed SQL and PL/SQL tuning and Application tuning using various tools like EXPLAIN PLAN, SQL\*TRACE, TKPROF and AUTOTRACE.
* Written and edited shell scripts to automate the execution of the procedures and report the results through e-mail.
* Created Oracle forms components such as object groups, property classes and visual attributes
* Created and manipulated stored procedures, functions, packages and triggers using TOAD. Wrote heavy stored procedures using dynamic SQL to populate data into temp tables from fact and dimensional tables for reporting purpose.
* Created PL/SQL scripts to extract the data from the operational database into simple flat text files using UTL\_FILE package.
* Created materialized views using different clauses like FAST, COMPLETE, FORCE, ON COMMIT.
* Experience in working with IMPLICIT CURSORS, EXPLICIT CURSORS, and REF CURSORS.
* Worked on oracle PL/SQL collections ARRAYS, NESTED TABLE, and ASSOCIATIVE ARRAYS with INDEX BY VARCHAR2.
* Created new SSIS Package to extract date from legacy to SQL SERVER objects using BIDS and Visual studio 2010.
* Worked extensively on web forms and data binding controls like Grid View, Data List and drop-down boxes and Mapping page fields to the database fields.
* Designed and created complex source to target mappings (STTM) using various transformations inclusive of but not limited to Aggregator, Look Up, Joiner, Source Forms, Source Qualifier, Expression, Sequence Generator, and Router Transformations.
* Created records, tables, collections (nested tables and arrays) for improving Query performance by reducing context switching.
* Performed and Supported unit testing, system testing and UAT testing. Dealt and resolved production issues.
* Track the development of the project and review the code to maintain good quality.
* Encapsulated error handling and use of autonomous transaction for logging. Used UTL\_FILE for exporting data and UTL\_MAIL to generate E-mails.

**Environment**: Oracle 10g/11g, PL/SQL, SQL\*Plus, Agile, Github, SQL developer, Oracle Forms and Reports, TOAD, Unix Shell Scripting.

**Client: National Payments Corporation of Mumbai, India Jan '2012 - May‘2015**

**Title: PL/SQL Developer**

**Responsibilities:**

* Developed various PL/SQL objects like procedures, functions, packages, Cursors, pipeline functions and triggers in accordance with the business needs.
* Created database objects like tables, views, synonyms, indexes, views, materialized views and sequences.
* Involved in interacting with the end-user (client) to gather business requirements and modeling the business requirements.
* Define and represent entities, functions and flows between the entities.
* Participated in analyzing the requirements for the logical and physical design of the database.
* Knowledge of Normalization, Data Warehousing, and data transfer, documentation, preventive maintenance, code review, automation, store procedures and triggers etc.
* Experience with merging data files coming from the customer into the existing data warehouse.
* Performed exception handling for data that did not conform to the required format.
* Implemented purging techniques on the data which is not required by the clients.
* Responsible for making the merged data in turn available to other clients.
* Implemented PL/SQL scripts in accordance with the necessary Business rules and procedures.
* Presented several technical presentations on Oracle database operation.
* Scheduled html reports using UTL\_SMTP, UTL\_MAIL and DBMS\_SCHEDULER.
* Optimized SQL statements and PL/SQL blocks by using Oracle Hints, Explain plans, profiling, collecting statistics and Trace sessions for Cost based Optimization.

**Environment**: Oracle 10g/11g, PL/SQL, XML, Visio, UNIX Shell scripts, SVN, Toad, SQL Developer, SQL \*Loader, Import Export.

**Client: Easylink, Chennai, India June' 2010 - Dec '2011**

**Title: PL/SQL Developer**

**Responsibilities:**

* Responsible in requirements gathering, analysis, design and development of any enhancements in the application.
* Responsible for analysis, design, development, and testing of database for FRTB implementation.
* Coded complex SQL queries to retrieve data from the database depending on the need.
* Designed and developed data loading processes using PL/SQL and UNIX Shell scripts.
* Perform XML operations for data extracts, data retrieval and data storage.
* Loading of data from Moody's using SQL\* Loader.
* Working with XML to do data extracts, data retrieval and data storage.
* Creating and working with GTT (Global Temporary Table)
* Created database objects like tables, views, synonyms, indexes and sequences.
* Analyzing the data needs for the customized reports. Mapping the data requirements developing Stored Procedures, Functions, Views, Materialized View and Triggers.
* Extensive use of PL/SQL Collections and Records, Partition methods for oracle tables and indexes.
* Created and modified several views on tables, which will be populating the Warehouse system. Also involved in creation on aggregate materialized views on Data Warehousing.
* Participated in Functional Testing and Unit Testing.
* Wrote complex queries and sub queries to do analysis work and generate reports to validate the results produced.
* Extensively worked on PL/SQL Error/Exception handling.
* Performed Oracle Performance tuning using SQL Trace and Explain Plan.

**Environment**: UNIX, Oracle 10g/11g, Windows NT, PL/SQL, SQL\*PLUS, SQL, SQL\*Loader, Toad, Java J2EE.