GANESH BABU J R
PL/SQL Developer

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SUMMARY

- 4.8 years as an Oracle PL/SQL Developer with expertise in designing, analysing, developing, testing, and implementing business applications using the Oracle Relational Database Management System (RDBMS).
- 1.9 years of experience in developing and customizing WordPress websites, including themes, plugins, WooCommerce stores, and other websites like Shopify, as well as web applications with MySQL databases to meet diverse business requirements.
- Involved in all phases of the **SDLC (Software Development Life Cycle)** from analysis, design, development, testing, implementation and production support.
- In-depth knowledge of SQL statements like **DDL**, **DML**, **DCL** and **TCL**.
- Involved in the creation of database objects like **tables**, **views**, **sequences**, **synonyms**, **materialized views** and **indexes**.
- Good knowledge of **joins**, **subqueries**, set operators, pseudo columns, **analytical functions** and constraints and writing complex queries.
- Used **cursors** to fetch multiple records and exceptions to handle errors in PL/SQL subprograms.
- Loaded huge volumes of data into Oracle Database by using **SQL Loader** utility.
- Developed complex database objects like **stored procedures**, **functions**, **packages** and triggers.
- Good knowledge of advanced PL/SQL concepts like **UTL_File**, packages, **collections** (index-by tables, nested tables) and dynamic SQL.
- Worked on **bulk collects** (LIMIT, bulk bind FORALL and handled bulk exceptions) to load large volumes of data.
- Good knowledge of **ref cursors**, external tables and collections.
- Performed SQL and PL/SQL performance tuning by using explain plan, indexes, hints, dbms_profiler.

TECHNICAL SKILLS

Languages	:	SQL, PL/SQL, Unix Shell Scripts
Database	:	Oracle 12c/11g
Client-Side Tool	:	SQL*Plus, PLSQL Developer, SQL Developer, Toad
Job Scheduling	:	Autosys, Control-M
Other Tools	:	SVN, Putty, WinSCP, JIRA, GitHub

PROFESSIONAL EXPERIENCE

- PL/SQL Developer at Swatantra Systems Pvt Ltd (Oct 2020 – June 2025).
- WordPress Developer at N2S Technologies Pvt Ltd (Dec 2018 – Sep 2020).
- Office Assistant at GDA Security Pvt Ltd (Dec 2016 – May 2018).

EDUCATION

Bachelor of Engineering in Computer Science - Anna University (CGPA: 6.09)

PROJECTS

Retail Management System - Woolworths

Role: PL/SQL Developer   **Jan 2022 to Feb 2025**

As a PL/SQL Developer, developed and maintained a web application called "Stuffs" used by Woolworths Group Limited, a retail company based in Sydney, Australia. Managed inventory of all products, including purchase orders, sales orders, and product location tracking. Contributed to improving Woolworths' business operations through effective data management.

Roles and Responsibilities:

- Analysed and understood project requirements, converting them into technical documents.
- Proficient in creating and modifying database objects such as tables, packages, procedures, functions, triggers, and other database elements using PL/SQL.
- Implemented advanced features of PL/SQL, including collections, ref cursors, and materialized views.
- Performed SQL query and PL/SQL code performance tuning activities, including query optimization, resulting in a 30% reduction in query execution time.
- Created indexes on tables for faster data retrieval to improve database performance.
- Used cursors to handle large volumes of data and bulk collect to process huge amounts of data, improving performance.
- Wrote complex SQL queries that include sub-queries and joins to enhance data retrieval efficiency.
- Handle errors using exception handling to display error messages in the application.
- Upgrade existing code as necessary to maintain a smooth-running application.
- A good understanding of creating and customizing interactive forms and reports using D2K Forms and Reports tool, which streamlines data entry, retrieval, and report generation processes.
- Involved in continuous enhancement and problem resolution for production issues.

Financial Management System Upgrade - Westpac

Role: PL/SQL Developer | Support L1   **Nov 2020 to Dec 2021**

Our team was responsible for providing end-to-end production support for a banking system. As a PL/SQL Developer, I handled monitoring, troubleshooting, and resolving critical issues in the backend database systems to minimize downtime and ensure seamless business continuity. The primary objectives were to enhance operational efficiency, improve customer experiences, and ensure seamless integration with existing systems.

Roles and Responsibilities:

- Monitored the performance and availability of the online shopping application to ensure smooth operations and minimal downtime.
- Involved in file monitoring on a daily basis. Perform application health checks to ensure the smooth running of the application.
- Handle user queries related to reports and daily job schedules, providing solutions within the specified SLAs.
- Created PL/SQL scripts to extract reports using the UTL_FILE package.
- Participated in the change management process for database-related changes, ensuring proper testing and validation before deployment to production
- Involved in Job Monitoring on daily basis in Autosys and generate status report.
- Monitored database resource utilization (CPU, memory, disk I/O) and proactively addressed performance issues.