

GANESHBABU JAISANKAR

PL/SQL Developer

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SUMMARY

- Over 4.5 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).
- 1.2 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.
- 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 cursor, **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.
- Used pragma autonomous transaction to avoid mutating problem in database triggers.
- Basic knowledge of Informatica PowerCenter for ETL processes
- Developed and maintained some custom Oracle Forms and Reports.

TECHNICAL SKILLS

Languages	:	SQL, PL/SQL, Unix Shell Scripts
Database	:	Oracle 12c/11g
Client-Side Tool	:	SQLPLUS, PLSQL Developer, SQL Developer, Toad
Job Scheduling	:	Autosys, Control-M
Version Control	:	SVN, GITHUB
Ticket Tracking	:	JIRA

PROFESSIONAL EXPERIENCE

- PL/SQL Developer at Swatantra Systems Pvt Ltd (Oct 2020 – Present).
- WordPress Developer at N2S Technologies Pvt Ltd (Jul 2019 – Sep 2020).

EDUCATION

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

PROJECTS

Enterprise Banking Workflow Automation and Data Integration - PNC Bank

Role: PL/SQL Developer

Jan 2021 to Feb 2025

The project aimed to streamline and optimize PNC Bank's core financial workflows—Current Account (CA), Cash & Banking (CB), Accounts Payable (AP), and Accounts Receivable (AR)—by enhancing back-end database functionality. The scope involved developing and optimizing PL/SQL procedures, managing workflow-specific data flows, and ensuring seamless integration and reporting across various banking systems. The goal was to improve transaction accuracy, data consistency, and reporting performance while ensuring compliance with internal audit and financial control policies.

Roles and Responsibilities:

- Designed and developed PL/SQL procedures, functions, packages, and triggers for multiple financial workflows (CA, CB, AP, AR).
- Tuned complex SQL and PL/SQL code to enhance performance, especially for high-volume transaction modules.
- Implemented error-handling, logging, and data validation routines for robust workflow execution.
- CA (Current Account): Built logic for ledger updates, reconciliation routines, and inter-account transfers.
- CB (Cash & Banking): Handled cash position updates, bank statements loading, and transaction matching processes.
- AP (Accounts Payable): Automated invoice processing, payment scheduling, and vendor ledger updates.
- AR (Accounts Receivable): Developed procedures for customer invoice tracking, receipts matching, and aging report generation.
- Created interfaces and data mappings to integrate internal systems and third-party platforms.
- Ensured accurate data flow across workflows, with attention to data consistency and integrity.
- Wrote scripts for data extraction, transformation, and loading (ETL) from source systems into staging and reporting layers.
- Conducted unit testing, SIT, and UAT for PL/SQL modules.
- Worked with QA teams to validate business rules and logic.
- Supported bug fixing and regression testing.
- Provided L1/L2 support for workflow-related PL/SQL components.
- Analysed incidents, performed root cause analysis, and delivered quick resolutions.
- Participated in deployment and post-deployment validations.
- Prepared technical documentation, data flow diagrams, and code walkthroughs.
- Ensured compliance with PNC Bank's coding standards, data governance policies, and security guidelines.

Project #2

Retail Management System - Woolworths

Role: PL/SQL Developer

Nov 2020 to Dec 2021

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.
- Leveraged Azure Data Factory (ADF) to integrate and orchestrate data workflows, enabling seamless ETL processes for analytics and reporting.
- 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.

Project #3

B2B Wholesale Marketplace with Vendor Managed Inventory (VMI) – N2S Technologies

Role: WordPress Developer

Jul 2019 to Sep 2020

Encompassed the full lifecycle of web development projects, from initial requirements gathering and design implementation to deployment and ongoing maintenance. Development of robust e-commerce platforms using WordPress and WooCommerce, covering product catalog management, payment gateway integration, shipping solutions, and order processing. Integrating WordPress websites with Zoho CRM system, via APIs and custom plugins, to automate data synchronization and streamline workflows.

- Building and configuring WordPress websites from scratch, based on client specifications.
- Installing, configuring, and customizing WordPress themes and plugins.
- Ensuring website responsiveness and cross-browser compatibility.
- Optimizing website performance for speed and efficiency.
- Developing custom WordPress themes and plugins to meet unique project requirements.
- Modifying existing themes and plugins to enhance functionality.
- Performing regular website backups and updates.
- Implementing security measures to protect websites from vulnerabilities.
- Troubleshooting and resolving website issues.
- Implementing payment gateways, shipping methods, and tax calculations.
- Integrating WordPress websites with Zoho CRM system using APIs and plugins.
- Developing custom integrations to automate data synchronization.
- Implementing systems that automate lead capture, and customer relationship management.
- Automating data transfer between WordPress and CRM databases.