GANESHBABU JAISANKAR

PL/SQL Developer

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SUMMARY

- Oracle PL/SQL Developer with over **4.8 years of experience** in application development and support, specializing in Oracle Database technologies and proficient in MySQL.
- Experienced in all phases of the **Software Development Life Cycle** (SDLC), including analysis, design, development, testing, implementation, and production support.
- In-depth understanding of **SQL statements**, including DDL, DML, DCL, and TCL.
- Extensive experience in creating **database objects** such as tables, views, sequences, synonyms, materialized views, and indexes.
- Strong knowledge of **joins, subqueries, set operators, pseudo columns, analytical functions, constraints**, and writing complex SQL queries.
- Proficient in loading large datasets into Oracle databases using the **SQL Loader** utility.
- Skilled in developing complex **PL/SQL objects**, including stored procedures, functions, packages, and triggers.
- Hands-on experience with advanced **PL/SQL concepts**, including UTL_File, packages, collections (index-by tables, nested tables), and dynamic SQL.
- Implemented cursor, **bulk collect (LIMIT, bulk bind FORALL)** for optimized data processing, including handling bulk exceptions.
- Knowledge of **ref cursors, external tables**, and collections for advanced data manipulation.
- Experienced in **SQL and PL/SQL performance tuning** using Explain Plan, indexes, hints, and dbms_profiler.
- Utilized **pragma autonomous transaction** to resolve mutating table issues in triggers.
- Basic exposure to Informatica PowerCenter for **ETL** processes.
- Developed and maintained custom **Oracle Forms and Reports** to meet specific business requirements.

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
Version Control	:	SVN, Git
Other Tools	:	Putty, Winscp, JIRA, GitHub

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 focused on optimizing PNC Bank's core financial workflows, including Current Account (CA), Cash & Banking (CB), Accounts Payable (AP), and Accounts Receivable (AR). The objective was to streamline data processing, enhance back-end database functionality, and ensure seamless integration and reporting across banking systems to improve transaction accuracy, data consistency, and reporting performance while adhering to internal audit and compliance policies.

Roles and Responsibilities:

- Designed and developed **PL/SQL procedures, functions, packages, and triggers** for financial workflows (CA, CB, AP, AR).
- Optimized complex SQL and PL/SQL code to improve performance for **high-volume transaction processing**.
- Implemented **error handling, logging, and data validation** for robust workflow execution.
- Developed CA modules for **ledger updates, reconciliation routines, and inter-account transfers**.
- Built CB logic for **cash position updates, bank statements loading, and transaction matching**.
- Automated AP processes for **invoice processing, payment scheduling, and vendor ledger updates**.
- Implemented AR procedures for **customer invoice tracking, receipts matching, and aging report generation**.
- Created **data interfaces and mappings** to integrate internal systems and third-party platforms.
- Wrote ETL scripts for **data extraction, transformation, and loading** from source systems to staging and reporting layers.
- Conducted **unit testing, SIT, and UAT** for all PL/SQL modules to ensure data integrity and business logic validation.
- Provided **L1/L2 support** for workflow-related PL/SQL components, including incident analysis and root cause resolution.
- Prepared technical documentation, data flow diagrams, and code walkthroughs for key stakeholders.
- Adhered to 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, contributed to the development and maintenance of "Stuffs," a web application used by Woolworths Group Limited, a retail company based in Sydney, Australia. The application managed the inventory of products, including purchase orders, sales orders, and product location tracking. The goal was to streamline and optimize business operations through effective data management.

Roles and Responsibilities:

- **Analyzed project requirements** and converted them into detailed **technical documentation**. Created and modified **database objects** such as tables, packages, procedures, functions, triggers, and other elements using PL/SQL.
- Implemented advanced PL/SQL features, including **collections, ref cursors**, and **materialized views**.
- Optimized **SQL queries and PL/SQL code**, resulting in a **30% reduction in query execution time**.
- Created **indexes** on tables for faster data retrieval and improved **database performance**.
- Utilized **cursors** and **bulk collect** to handle large volumes of data, optimizing processing time and performance.
- Wrote complex **SQL queries** with subqueries and joins to enhance **data retrieval efficiency**.
- Employed **exception handling** to display error messages in the application, improving error resolution.
- **Upgraded existing code** to ensure continuous smooth operation and application stability.
- Leveraged **Azure Data Factory (ADF)** for data integration and orchestration, enabling seamless **ETL processes** for analytics and reporting.
- Worked with **D2K Forms and Reports** to create and customize interactive forms and reports for efficient **data entry**, retrieval, and reporting.
- Actively participated 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**

Led the full lifecycle of web development projects for a **B2B Wholesale Marketplace** with **Vendor Managed Inventory (VMI)**, focusing on developing e-commerce platforms using **WordPress** and **WooCommerce**. The platform involved product catalog management, payment gateway integration, shipping solutions, order processing, and integrating with **Zoho CRM** through APIs and custom plugins for seamless data synchronization and workflow automation.

- **Built and configured WordPress websites** from scratch, tailored to client specifications and requirements.
- **Installed, configured, and customized WordPress themes and plugins** to meet project needs.
- Ensured **website responsiveness** and **cross-browser compatibility** for optimal user experience across devices.
- **Optimized website performance** for speed, efficiency, and scalability.
- **Performed regular backups** and kept the website updated to ensure smooth and secure operations.
- **Troubleshot and resolved website issues**, ensuring minimal downtime and smooth functionality.
- Integrated **payment gateways, shipping methods**, and **tax calculations** for streamlined transaction processing.
- **Integrated WordPress with Zoho CRM** through **APIs and custom plugins** for seamless data synchronization.
- Developed **custom integrations** to automate data transfer between WordPress and Zoho CRM, ensuring efficient workflow management.
- **Automated lead capture** and **customer relationship management (CRM)** processes for improved business operations.