# GANESH BABU J R

## PL/SQL Developer

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## SUMMARY

- 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).
- 1.9 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

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|---|---|---|
| Languages | : | SQL, PL/SQL, Unix Shell Scripts |
| Database | : | Oracle 18c/12c |
| Client-Side Tool | : | SQL*Plus, PLSQL Developer, SQL Developer, Toad |
| Job Scheduling | : | Autosys, Control-M |
| Other Tools | : | SVN, Putty, WinSCP, JIRA, GitHub |

## PROFESSIONAL EXPERIENCE

- Senior Consultant at Oracle Financial Services Software (Aug 2025 – Oct 2025).
- Senior Software Engineer at Swatantra Systems Pvt Ltd (Oct 2020 – Jun 2025).
- WordPress Developer at N2S Technologies Pvt Ltd (Dec 2018 – Sep 2020).

## EDUCATION

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

# PROJECTS

**Cash Next Gen – State Street Corporation**

**Role: Senior Consultant (PL/SQL)**                    **Aug 2025 to Oct 2025**

Cash Next Gen is a core investment banking platform used for managing cash movements, settlements, fund transfers, position updates, and cash reconciliation across multiple systems. The project focuses on enhancing PL/SQL-based backend modules, automating settlement workflows, improving reconciliation accuracy, and strengthening data validation logic for high-volume financial transactions.

**Roles and Responsibilities:**

- Analysed and worked across multiple schemas including CASH_VIEWS, CREDIT_VIEW, and PORTFOLIO_VIEW to support cash processing and investment data flows.
- Performed detailed data mapping for investment types across multiple reference tables.
- Analysed the relationship between Credit Entity, Security, and Security Ticker Types tables to support multi-security mapping enhancements.
- Validated that a Credit Entity can now be mapped to multiple securities, replacing the earlier single-security mapping logic.
- Reviewed and analysed data in the Security table using BB Company ID and Ticker fields.
- Worked with Security Ticker Types to verify ticker classifications and ensure proper linkage with security identifiers.
- Documented schema dependencies and relationships for business users and development teams.
- Contributed to end-to-end testing cycles including UAT by preparing test cases, validating outputs, and supporting users.
- Participated in defect analysis related to incorrect mapping or mismatched ticker classifications and provided fixes accordingly.

**Retail Management System for a Supermarket Chain - Woolworths**

**Role: PLSQL Developer**                              **Jan 2022 to Feb 2025**

Developed and implemented a Retail Management System to streamline operations across multiple supermarket branches. The system included product catalogue, inventory control, supplier management, billing, discounts, and sales analytics. Focused on optimizing stock turnover, automating reorder processes, and generating actionable reports using PL/SQL stored procedures functions, packages.

**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 like 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.

## Online Shopping Application (MLB)

**Role: PLSQL Technical Consultant**                                    **Nov 2020 to Dec 2021**

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The online shopping application managed various aspects of the business, including inventory, warehouses, store layout, customer service, sales and human resources. The project involved overseeing the development of the application to ensure the availability of required items, maintaining visual displays of products, preventing loss and safeguarding merchandise from theft or damage and implementing pricing strategies and customer service skills to achieve organizational sales targets and increase revenue.

- Developed Oracle SQL scripts Creation of Technical Analysis Document for Client team reference.
- Convert the functional requirements into technical document as per the business standards.
- Created database objects like Packages, Procedures, Functions and Triggers according to the client requirement.
- Created Indexes on the tables for faster retrieval of the data to enhance database performance.
- Wrote complex SQL queries for faster data retrieval from multiple tables.
- Analysed and computed statistics to improve response time for queries.
- Handled errors using Exception Handling extensively for the ease of debugging and displaying the error messages in the application.
- Involved in Performance tuning of complex queries.
- Good experience of coordinating with various teams like Deployment, Testing Team to speed up Development process.