Biswanath Singha Roy

Oracle PL/SQL Developer

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Experience Summary

- Having 10 years of experience in the IT industry, 7+ years of relevant experience as an Oracle PL/SQL Developer in analysis, design, and Implementation of business applications.

- OCI certification and OTM Training Certification.

- Involved in all phases of the SDLC (Software Development Life Cycle) from analysis, design, development, testing, implementation and maintenance with timely delivery against aggressive deadlines.

- Expertise in Client-Server application development using Oracle 12c/11g/10g/9i/8i, PL/SQL, SQL *PLUS.

- Created Tables, Views, Constraints.

- Developed Complex database objects like Stored Procedures, Functions, Packages and Triggers using SQL and PL/SQL.

- Developed materialized views for data replication in distributed environments.

- Experience in Oracle supplied packages, Native dynamic SQL, Records and PL/SQL Tables.

- Worked extensively on Ref Cursor, Collections.

- Expertise in Exception handling.

- Knowledge Loaded Data into Oracle Tables using SQL Loader, External Table.

- Experience with Oracle Supplied Packages such as DBMS_SCHEDULER, DBMS_JOB and UTL_FILE.

- Having basic knowledge of Oracle Transportation Management System.

Performance Tuning

- Experience in SQL performance tuning using Cost-Based Optimization (CBO).
- Good knowledge of key Oracle performance related features such as Query Optimizer, Execution Plans and Indexes.
- Experience with Performance Tuning for Oracle RDBMS using Explain Plan and HINTS.
- Effectively made use of Table Functions, Indexes, Table Partitioning, Collections, Analytical functions, Materialized Views.
- Use invisible index to resolve performance issues immediately in production.
- knowledge on DBMS Profiler.
- Use Bulk Collection for better performance.

Skills Summary	
Key Skills	**ITSM:** Service Now, Web Prompt. **Tools:** Jira, SQL*Plus, Postman, PL/SQL Developer, Toad, TFS, PVCS. **Database:** Oracle 19c, 12c,11g,10g,9i,8i. **Methodology:** Waterfall, Scrum, Agile, SDLC.
Programming Languages	**SQL, Oracle PL/SQL, OTM.**
Operating System / ERP Version	**Windows 10/8/7/XP.**

Work Experience			
Project 1	**Company Name: LTIMindtree**		
Project Name	Terex Corporation	**Team Size**	11+
Start Date	Jun 2023	**End Date**	Jan 2024
Project Description	Terex Corporation is an American company and worldwide manufacturer of lifting and material-handling equipment.		
Roles & Responsibilities	**Specialist – Cloud Service and Software, Oracle PL/SQL Techno Functional** - Responsible for Production Support and Development for Oracle Transportation Management Team. - Dealing with customers to understand the requirement. - Development and functional setup as per business requirement.		

	➢ Responsible for project estimation, provide inputs for solution delivery for new requirement given by customer. Gather the requirements and specifications to understand the client requirements in a detailed manner.
Key Skills	**Incident Management:** Service Now **Tools**: Jira, SQL*Plus **Integration Tools:** Boomi **Connectors:** Database, Salesforce, Mail HTTP, AWS S3, SFTP **Database**: Oracle 19c. **Methodology:** Scrum, Agile **Language:** Oracle PL/SQL, Oracle Transportation Management (OTM)

Project 2	**Company Name: Tata Consultancy Services Pvt. Ltd.**		
Project Name	United India Insurance Company Limited	**Team Size**	**130+**
Start Date	**Feb 2017**	**End Date**	**May 2023**
Project Description	GENISYS Configurator addresses needs of United India General insurance system. A tri-partite agreement was entered into between DXC, TCS and UIIC. The scope of the project is development, support, and maintenance. It is an entire suite of components serving the needs of a typical general non-life insurance organization, or as individual components catering to specific organizational needs. GENISYS Configurator has a product definition engine component that allows users to define new insurance about 200+ products, make changes to existing products, and establish rules that govern these products		
Roles & Responsibilities	**IT Analyst, Oracle PL/SQL Developer and Team Lead** ➢ Leading a team of 5 members. ➢ The primary role is to ensure effective Design, Development, Validation and Support activities to ensure client satisfaction. Communicate with client for quality assurance, issue resolution and ensuring high customer satisfaction. ➢ Responsible for understanding requirements, creating and reviewing designs. ➢ Validate the architecture and ensure high levels of service offerings to clients in the technology domain. Responsible for project estimation, provide inputs for solution. ➢ Responsible for development, support, and maintenance as a Database developer. ➢ Developed PL/SQL Packages, Procedures, Triggers, Functions		

Key Skills	**Incident Management:** Web Prompt **Tools**: PL/SQL Developer, Visual Studio 2012. **Database:** Oracle 12c. **Methodology:** SDLC. **Language:** SQL and Oracle PL/SQL.

Project 3	Company Name: Tata Consultancy Services Pvt. Ltd.		
Project Name	**TATA AIG General Insurance**	**Team Size**	**70+**
Start Date	**June 2014**	**End Date**	**Feb 2017**
Project Description	GENISYS Configurator addresses needs of Tata AIG insurance system. A tri-partite agreement was entered into between DXC, TCS and UIIC. The scope of the project is development, support, and maintenance. It is an entire suite of components serving the needs of a typical general non-life insurance organization, or as individual components catering to specific organizational needs.		
Role & Contribution	**Oracle PL/SQL Developer** ➢ Develop SQL scripts, indexes, and complex queries. ➢ Configuration and version management ➢ Ensure data integrity is maintained through security and change management. ➢ Coordinate between project management and development teams ➢ Identify the data issues and provide solution options for resolution. ➢ Monitor entire application development, execution, and maintenance.		
Technology & Tools	Oracle PL/SQL Developer, Visual Studio, SQL, PL/SQL scripts.		

Project 4	Company Name: Maxmobility Pvt. Ltd.		
Project Name	QFI – Quick Finder I	**Team Size**	20+
Start Date	Jan 2013	**End Date**	Jun 2014
Project Description	Vehicle tracking system.		

Role & Contribution	**Junior Software Developer** ➢ Collaborated with project managers to select ambitious, but realistic coding milestones on prerelease software project development. ➢ Updated old code bases to modern development standards, improving functionality. ➢ Discussed issues with team members to provide resolution and apply best practices
Technology & Tools	Microsoft SQL Server, Asp.Net, Visual Studio.

Achievements / Awards.	
Achievements / Awards	Given On the spot and technical excellence award for implementing, Reward data calculation tool and developing Reward monthly data report.

Educational Qualification	
Education & Credentials	Master of Computer Application (MCA)