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**Ruchika Gupta, Oracle PL/SQL Lead Developer**

**Phone: +1 425 520 1961 // Email:** [**ruchika.gupta.it84@gmail.com**](mailto:ruchika.gupta.it84@gmail.com)

**Professional Summary:**

* + Offering overall’ 13 years of experience in **Oracle database development** and **data warehousing projects**.
  + Possess in-depth expertise in **SQL** and **PL/SQL development** and support activities, including crafting complex **SQL scripts, advanced PL/SQL programming, SQL debugging** and **tuning,** and performance optimization.
  + Utilizing **indexes, hints, partitions, parallel processing, SQL Loader, PL/SQL tables, procedures, functions, packages, triggers, exceptions, pipelined functions, views,** and **materialized views**.
  + Utilized **dynamic SQL** to construct queries at runtime based on user input or dynamic conditions, enhancing code flexibility.
  + Demonstrated proficiency in PL/SQL constructs such as **cursors, exceptions, collections,** and **object-oriented programming features** for robust and maintainable code.
  + Optimized database performance through techniques like **query tuning, indexing strategies,** and **data partitioning,** ensuring efficient data retrieval and application responsiveness.
  + Strong understanding of **data warehouses, ETL processes,** and **data warehouse workflows**.
  + Proficient in leveraging bulk collect and bulk binding techniques, analysing EXPLAIN plans, AWR /ADDM/ASH reports and optimizing SQL performance for enhanced efficiency.
  + Possess proven experience with various heterogeneous database technologies. This includes expertise in **ETL development, data conversion, migration, business intelligence,** and **reporting** along with **Oracle**.
  + Possess strong hands-on experience in all aspects of software solutioning, encompassing **development, design, deployment, support, data migration, vendor/contract negotiation** and **management,** and **client implementation**.
  + I bring value to diverse domains, applying best industry practices and **SDLC processes** within the following areas: **Retail (Supply Chain), Telecom (Consumer Finance), Health Insurance (Claim Ingestion** and **Processing),** and **Media & Publishing (Digital Content** and **Rights Management)**.
  + Relentless focus on process re-engineering, optimizing time-to-market, ensuring system stability and performance, and facilitating seamless front-to-back transaction processing.
  + Consistently strive to create multi-million-dollar value for clients through key deliverables.
  + Employed Agile methodologies (e.g., Scrum, Kanban, PI planning ) to deliver Oracle PL/SQL functionalities within iterative sprints, ensuring timely completion and continuous improvement.
  + Collaborated effectively with cross-functional teams (business analysts, testers, etc.) during daily stand-up meetings, sprint planning sessions, and retrospectives to maintain clear communication and project alignment.
  + Utilized **Git** for version control of **Oracle PL/SQL code** and database objects, ensuring efficient code management, collaboration, and tracking of changes.
  + Demonstrated strong understanding of Git commands for common operations like cloning repositories, staging changes, committing code, and resolving merge conflicts.
  + Maintained a clean code history by utilizing branching strategies (e.g., feature branches, bug fix branches) and merging effectively to avoid conflicts.
  + Collaborated effectively with cross-functional teams (business analysts, testers, etc.) during **daily stand-up meetings, sprint planning sessions,** and **retrospectives** to maintain clear communication and project alignment.
  + Demonstrated strong adaptability within fast-paced **Agile environments,** prioritizing tasks effectively and **delivering high-quality PL/SQL code** based on evolving requirements.
  + Foster collaboration and teamwork through excellent communication, written, and interpersonal skills.

**Education & Certifications:**

* + B.Sc. (Comp Sc.) Banasthali University, Rajasthan, India
  + Master of Computer Applications, Banasthali University, Rajasthan, India
  + Oracle Certified Associate (OCA- Programming)

**Technical Skills:**

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| **Expertise in Operating System / Tools & Technology / Languages, etc.** | Windows, Unix, Linux |
| Oracle 9i/10G/11G/12G, Informatica 9c, Web Services, WebLogic |
| JSON, XML, T-SQL, PL/SQL, Python, Shell Scripting, Power Script, C/C++ |
| PL/SQL Developer, Toad, Oracle SQL Developer, Putty, FileZilla, SSIS, Notepad++, Bitbucket, Confluence, HPQC, JIRA, MS SharePoint, MS Visio, WinSCP, Microsoft Visio, Jira Align, Postman, SOAPUI, Splunk, Slack, DataStax, Compass, Jenkins, Open XML, GITHUB |

**Professional Experience:**

**Client: Dollar General, Goodlettsville, TN July 2020 -Feb 2023**

**Company Name: HCL Technologies**

**Role: PL/SQL Lead Developer**

**Project #2: P44 order Shipment tracking and publishing.**

**Key Responsibilities:**

* + Actively collaborated with various stakeholders, including business users, SMEs, Principal Architects, and vendor partners, to effectively solve complex problems within the **Purchase Order (PO) processing system for Dollar General**.
  + Spearheaded the development and implementation of **efficient backend ETL** and batch processes specifically designed for streamlined PO processing within the Dollar General system.
  + Leveraging my expertise in **PL/SQL,** I created a **robust database package** specifically designed to process Purchase Orders
  + Designed an **integration framework** that seamlessly connected disparate upstream and downstream systems.
  + Demonstrated strong adaptability within fast-paced Agile environments, prioritizing tasks effectively and

Delivering high-quality PL/SQL code based on evolving requirements.

* + Demonstrated proficiency in PL/SQL constructs such as cursors, exceptions, collections, and object-oriented programming features for robust and maintainable code.
  + Creating ETL job to Process Purchase orders.
  + Worked upon **SQL loader utility** to Data load from data files to Databases.
  + Analysing Explain plan/ASH/ADDM/AWR reports for performance.
  + Utilized **dynamic SQL** to construct queries at runtime based on user input or dynamic conditions, enhancing code flexibility.
  + Optimized database performance through techniques like **query tuning, indexing strategies,** and **data partitioning,** ensuring efficient data retrieval and application responsiveness.
  + Developed a **generic upload process** capable of handling diverse file formats, including flat files, XLS, and CSV. Automated solution enhanced data processing efficiency and eliminated manual intervention.
  + Experience with error handling and debugging to ensure code reliability and troubleshoot issues effectively.
  + Utilized version control systems (e.g., Git) to manage code changes efficiently and facilitate seamless

Collaboration within the agile development workflow.

* + Implemented a comprehensive **alert/Notification mechanism** within the PO processing system. This system proactively flagged business users in the event of any data processing failures, allowing for swift intervention and minimizing potential disruptions.
  + Actively contributed by generating **ad-hoc data reports** based on specific user needs.
  + Conducted thorough **unit** and **integration testing** at the database level, ensuring the quality, functionality, and reliability of the developed solutions.
  + Documented the developed solutions and checked in the associated code into the **Git lab repository**. This ensured **proper version control** and facilitated efficient collaboration within the development team.
  + Scanned if any vulnerability in code being promoted to higher environment.
  + Demonstrated strong understanding of Git commands for common operations like cloning repositories, staging changes, committing code, and resolving merge conflicts.

**Environment:** PL/SQL, ETL, SQL Server, Python, Shell Scripting, Custom Integration Code, Git, Business Intelligence (BI).

**Dollar General, Noida, India // Goodlettsville, TN July 2016 – June 2020**

**Company Name: HCL Technologies**

**Project #1: Gold Production and stabilization work // Vendor -Upload Project**

**Role: PL/SQL Lead Developer // Level 3 Support**

**Key Responsibilities:**

* + Close collaboration with business users and product owners to understand the requirements.
  + Actively participated in the **development, testing,** and **implementation** of multiple Change Requests (enhancements) to the gold application.
  + Played a crucial role in analysing production incidents within the gold application. This involved performing thorough **root cause analysis** to identify the underlying causes of issues and **implementing swift hotfixes** to restore functionality and minimize downtime/Outage with proper team coordination.
  + Developed a generic upload process capable of **handling complete Vendor data** from diverse file formats like flat files, XLS, and CSV. This process seamlessly integrated with a **PL/SQL-based database package** and a generic job to automate the entire **data processing cycle**.
  + Good knowledge on Partitioning, compression, direct path Loads, EXPLAIN PLAN, AWR reports for performance tuning.
  + Developed a generic upload process capable of **handling complete Vendor data** from diverse file formats like flat files, XLS, and CSV. This process seamlessly integrated with a **PL/SQL-based database package** and a generic job to automate the entire **data processing cycle**.
  + Conversion of job written on Unix Shell Script to Oracle Packages and procedures.
  + Writing complex oracle SQL queries to perform the business needs.
  + Development of the production job using **SQL loader utility** for multiple vendor onboarding.
  + Created various **data extracts (ETL)** based on specific user requests. Developed essential generic upload processes for tasks such as **shelf-life maintenance, Purchase Order (PO) assignment,** and **trailer allocation,** streamlining various operational workflows.
  + Performance Tunning and data migration using Oracle pl /SQL code and constraints for ETL.
  + Developing ETL workflows for data loads from source to target databases using informatica.
  + Developed a **Gold Table Purge process,** enabling the efficient removal of outdated data from multiple tables within the system ensuring **optimal data integrity** and **performance**.
  + Utilized version control systems (e.g., Git) to manage code changes efficiently and facilitate seamless collaboration within the agile development workflow.
  + Collaborated effectively with cross-functional teams (business analysts, testers, etc.) during daily stand-up meetings, sprint planning sessions, and retrospectives to maintain clear communication and project alignment.
  + Creating and work upon JIRA Incidents, For Complete SDLC and Release planning and coordination.
  + Actively utilized **GAIA logs** for troubleshooting issues within the gold application. This facilitated efficient debugging and resolution of system complexities.
  + Experience with error handling and debugging to ensure code reliability and troubleshoot issues effectively.
  + Played a key role in developing a **robust Database object system** to identify POs requiring publication.
  + Creating a data extract for the identified POs, encompassing all data required for business processing through **P44 APIs**. Facilitated a fully automated PO publishing process for various order types.
  + Implemented a **comprehensive alert mechanism**. This system proactively flagged business users in the event of any data processing failures, allowing for timely intervention, and minimizing potential disruptions.
  + Contributed to the **development of various gold application reports**. Ensured the quality and functionality of the developed solutions through **comprehensive unit** and **integration testing** at the database level.
  + Documented the developed solutions and checked in the associated code into the **Git lab repository,** ensuring proper **version control** and efficient collaboration within the development team.
  + Effectively served as a member of the gold support team, seamlessly collaborating, and providing support to users remotely from an offshore location.

**Environment:** PL/SQL, Python, Shell Scripting, Oracle Database, Git, ETL.

**Client: T-Mobile, Bothell, WA // Noida, India Jan 2016 – July 2016**

**Company Name : HCL Technologies**

**Role: PL/SQL Developer**

**Project: Telecom/ Equipment Instalment Plan**

**Key Responsibilities:**

* + Designed and implemented automated ETL batch processes using PL/SQL to efficiently fetch and ingest data from diverse client feeds into the application database. Analysing **production incidents & Defects** and provide code fixes as needed.
  + Ensured smooth **data integration,** fostering accurate and timely data availability for users to make informed decisions.
  + Experience with Unix commands.
  + Data migration using SSIS.
  + Understanding on DNS / domain registration
  + Actively analysed production incidents involving **automated scripts** and provided prompt code fixes as needed.
  + Actively contributed to day-to-day reporting on device metrics, business health, and performance. This involved generating comprehensive reports that provided valuable insights to stakeholders, enabling them to make data-driven decisions and optimize operations.
  + Actively sought opportunities to analyse and improve existing processes.
  + Implemented effective changes that enhanced efficiency, accuracy, and overall process effectiveness.

**Environment:** PL/SQL, ETL, Git.

**Client: Hewlett Packard, Quincy, MA Feb 2015 – Jan 2016**

**Company Name : Consulting**

**Role: PL/SQL Developer**

**Project: Massachusetts State Health**

**Key Responsibilities:**

* + Spearheaded the design, development, and implementation of various automated ETL batch processes using **PL/SQL** and **Informatica**.
  + Efficiently extracted and ingested data from diverse client feeds and data warehouses, ensuring seamless integration into the **application database**.
  + Extensively worked upon big data in Data warehousing environment.
  + Actively contributed to the development of efficient code specifically designed for **medical claim processing**. This code streamlined **data manipulation,** enhancing the accuracy and efficiency of the **claims processing system**.
  + Collaborated effectively with cross-functional teams (business analysts, testers, etc.) during daily stand-up meetings, sprint planning sessions, and retrospectives to maintain clear communication and project alignment.
  + Developing ETL workflows for data loads from source to target databases using informatica.
  + Implemented a **data analytics solution** that drew upon data from the data warehouse and various other valuable sources.
  + Good expertise on **Partitioning, compression, direct path Loads, EXPLAIN PLAN** for performance tuning.
  + Performance Tunning and data migration using Oracle pl sql code and constraints for ETL.
  + Facilitated the extraction of deeper insights, enabling stakeholders to make data-driven decisions that optimized operations and improved outcomes.
  + Possess extensive experience working within the **data warehouse of the state healthcare domain**.
  + Responsible for all aspects of **data management** and **reporting**. This included meticulous **data mapping, efficient data extractions** tailored to specific needs, and the generation of comprehensive and insightful reports that served as a foundation for informed decision-making across the organization.

**Environment:** Informatica, PL/SQL, Git.

**Client: Pearson Education, Noida, India Aug 2007 to Feb 2012**

**Company Name : HCL Technologies**

**Role: PL/SQL Developer**

**Key Responsibilities:**

* + Played a pivotal role in designing, developing, and implementing various automated ETL batch processes using **PL/SQL**.
  + Seamlessly fetched and ingested data from diverse client feeds and data warehouses, ensuring accurate and efficient **data integration** into the application database.
  + Actively contributed to the development of efficient code for sales processing, streamlining data manipulation and enhancing overall sales operations.
  + Spearheaded the **creation of a data analytics-based solution**.
  + Harnessed data not only from the data warehouse but also from multiple other valuable sources, enabling deeper insights and informed decision-making.
  + Responsible for all aspects of data management and reporting, including meticulous **data mapping, efficient data extraction,** and the generation of comprehensive and insightful reports.

**Environment:** PL/SQL, Data Warehouse, Git.