Gokulraj G

SENIOR SOFTWARE ENGINEER AT HCLTECH

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| **PROFESSIONAL SUMMARY**  Experienced Oracle SQL/PLSQL Developer with over 3.5 years at HCL Tech, specializing in Oracle SQL and PL/SQL. I have successfully driven performance enhancements and optimized intricate queries. My background includes extensive work in clinical trials, implementing business rules, and automation using Linux shell scripts. Additionally, I have a solid understanding of data engineering services in Azure and Databricks. | |
| **SKILLS & TOOLS**   * **Database:** SQL, Oracle PLSQL (Packages, Functions, Triggers, Cursors, Views, Procedures). * **Programming Languages:** Python, Shell Scripting, * **Cloud Services** – Azure (Azure Data Factory, Azure Data Lake, Azure Databricks). * **Tools** – SQL Developer, Toad, Visual Studio, WinSCP, Putty, PyCharm |
| ExperiEnce **HCL Tech- Senior Software Engineer**  **Dec 2021 – Present**   * Demonstrated strong expertise in Oracle SQL functions by writing complex queries and optimizing joins, with a solid understanding of window functions to enhance data analysis efficiency. * Developed and implemented advanced PL/SQL solutions, including collections, procedures, functions, views, materialized views, types, and triggers, optimizing database interactions. * Achieved a **90% improvement** in dynamic query performance by leveraging the PIVOT operator, streamlining complex joins into a single operation. * Enhanced job performance for clinical studies by **70%** by implementing parallel execution for Oracle jobs across all clinical domains. * Reorganized high-transaction tables, resulting in a significant **70% boost** in overall database performance and efficiency. * Designed and implemented multiple business rules using PL/SQL procedures, functions, and packages to meet diverse business requirements effectively. * Developed and automated scheduling processes for Oracle jobs using SQLPLUS and crontab in a Linux environment, improving job management efficiency. * Successfully migrated from DBMS\_JOB to DBMS\_SCHEDULER in Oracle 19c, ensuring compliance with updated database standards post-deprecation. * Possess deep expertise in clinical trial management, including knowledge of relevant domains and adherence to regulatory guidelines. * Proficient in debugging PL/SQL components, including procedures, functions, packages, and types, ensuring high-quality code delivery. * Automated monitoring processes using Linux shell scripts, enhancing oversight of application jobs, database sessions, and validating database account statuses to ensure operational reliability. * Played a pivotal role in setting up and managing clinical trials, ensuring compliance with industry regulatory standards. | |
| **AWARDS and Recognitions:**   * START INNOVATOR * TOP PERFORMER AWARD. | |
| **EDUCATION & CERTIFICATIONS**   * BE(EEE) – Government College of Engineering, Bodinayakkanur - 76 %. * Higher Secondary Certificate (HSC) – GHSS, Pavakkal - 87 %. * Microsoft certified DP-203 Azure Data Engineer | |
| **PROFILES**   * LeetCode - <https://leetcode.com/u/gokulsakthi/> * HackerRank - <https://www.hackerrank.com/profile/gpgokul67> | |