Gurpreet Singh

Technical Lead

HCL

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**Experience Summary:**

**Roles & Responsibilities:**

* **Over 9+ years** of programming experience as an **Oracle PL/SQL** Developer in Analysis, Design and Implementation of Business Applications.
* Serve as technical lead of an offshore team for the design and development of Oracle PL/SQL.
* Provide technical and functional direction to our customers in matters of implementing technology within their business processes
* Design and develop Oracle PL/SQL batch and real time processes for loading data from internal and external systems using SQL Loader and External tables.
* Design, develop and maintain oracle database schemas, tables, standard views, materialized views, synonyms, unique indexes, non unique indexes, constraints, triggers, sequences, implicit cursors, explicit cursors, cursor for loops, reference cursors, and other database objects.
* Create PL/SQL packages, stand alone procedures, and stand alone functions.
* Write complex SQL queries with sub-queries, analytical functions, and inline views
* Performance tune and optimize SQLs using explain tables, TKPROF utility, by setting database parameters, by using optimizer hints and using Analyze to compute statistics on tables..
* Manage User Acceptance Testing of new applications and new versions of existing applications.
* Manage the packaging and release of applications to the training, UAT and production environments.
* Provided user training and production support.
* Improved the performance of the application by rewriting the SQL queries.
* Wrote packages to fetch complex data from different tables in remote databases using joins, sub queries and database links.
* Developed materialized views for data replication in distributed environments.
* Experience in SQL **performance tuning** using Cost-Based Optimization (CBO)
* Created Tables, Views, Constraints, Index (B Tree, Bitmap and Function Based).

**Trainings and Continual Education Summary:**

* Internal Auditor Training.
* Lean Six Sigma.

**Technical Skills:**

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| **Software** | * Mastercraft ALM testing tool. * Oracle/SQL |
| **Tools** | * Mastercraft ALM * Oracle Pl/SQL(11 g) * Rally * Selenium * SVN |
| **Methods** | Agile methodology. |
| **Domain Experience** | Audit and Compliance Domain.  Working as Auditor in Shared Services Group |
| **Management Experience** | PL/SQL Developer and Production Support Lead. |
| **Business Development** | Process improvements were suggested such as mailer implementation for various Audit and PMR process.  CR analysis to plan out the development of key features which user readily requested from the backend in TQAS such as Generic Report feature, Feedback request over Lotus mailer. |

**Assignments:**

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| **Project** | ULX TCS Quality Audit System |
| **Customer** | Internal |
| **Role** | Oracle PL/SQL Developer |
| **Period** | Jan 2012 to Apr 2017 |
| **Description** | TCS Quality Audit system is caters to the various Internal and external audit that are getting performed into the organization.   * Internal Audit Process * Project Management Review * ISO Audits etc. |
| **Responsibility as Pl/SQL Developer** | * Created lots of Triggers for validation. * Created lots of procedure, package, and functions. * Worked on performance tuning of the SQL queries to improve data conversion process. * Created the index for increasing the performance of data conversion process * Conducted Oracle database and SQL code tuning to improve performance of the application, used Bulk binds, in-line queries, Dynamic SQL, Analytics and Sub-query factoring etc. * Developed complex SQL queries including Sub queries, correlated queries, and Nested queries, Unions, Intersect and Aliases. |
| **Responsibility as Production Support Lead** | * Six Sigma certified in bringing the total tickets logged in TQAS application to a low level * Ensuring user satisfaction and response at peak hours * Received many appreciations from users for timely help and support to users. * Data Fix preparation for the CRs requested by users. * Process improvements to reduce the various ticket counts into the TQAS system which includes revamped audit page, Feedback mailer PI which was helpful in saving the user time and saving was about 50 lakhs. * Performance tuning to reduce cost and execution time of query. * Data population in reports in TQAS. * Creation of MVs and views for data capture. * Creation of Procedures, packages for data display and capture. * Preparation of Data Fixes and jobs for the production data to be in sync. |

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| **Project** | Humana Pharmacy Account |
| **Customer** | US |
| **Role** | Oracle PL/SQL Lead |
| **Period** | Apr 2017 to Oct 2019 |
| **Description** | * Humana Pharmacy Account deals with the generation of reports demanded by client. |
| **Responsibility as Pl/SQL Lead** | * Worked on performance tuning of the SQL queries to improve data conversion process. * Guiding New members in team and enhancing their productivity. * Created packages for generating data for big reports. * Giving KT sessions and demo to client. |

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| **Project** | Brighstar Account |
| **Customer** | US |
| **Role** | Oracle PL/SQL Technical Lead |
| **Period** | Nov 2019 to Present |
| **Description** | * Brightstar account deals with the mobile insurances in US & Canada |
| **Responsibility as Pl/SQL Lead** | * Worked creating procedures,triggers and performance tuning * Providing training and mentoring new joiners, |

**Achievements:**

Best Auditor in Shared Services group for carrying out the audit process properly. Received many appreciations as TCS Gems/Appreciation Notes from the users for facilitating the UAT and other process such as resolution of tickets logged by the user within time during peak hours.

**Award Details:**

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| **Title** | **Category** | **Sub-Category** | **Received On** |
| Best Auditor | Awards for Excellence | Best Auditor Award | 8/08/2016 |
| Best Auditor | Awards for Excellence | Best Auditor Award | 27/04/2016 |
| Maitree Prize | Beyond Performance Award | Maitree Awards | 15/01/2014 |

**Experience Details:**

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| **HCL Experience** | 2 YEAR(S),4 MONTH(S) |
| **Previous Experience** | 7 YEAR(S),0 MONTH(S) |
| **Total Experience** | 9 YEAR(S),4 MONTH(S) |

**Passport Details:**

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| **Passport Number** | **Date of Issue** | **Expiry Date** | **Place of Issue** |
| K0569389 | 15-Dec-2011 | 14-Dec-2021 | Lucknow |

**Education Summary:**

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| **Qualification** | **Subject** | **Percentage/Grade** |
| Bachelor Of Technology | Information Technology | 72.5 |
| Standard Xii / H.S.C. | Xii Std | 82.2 |