**Name: T. Srinivasa Rao**

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**Professional Summary:**

* Overall **12+** years of IT experience, **6+** years of programming experience as an **Sybase ASE 16.x/15.x**, **Oracle PL/SQL 19c/12c/11g/10g, PostgreSQL 13.x/12.x/11.x, MongoDB 5.x/4.x** and **MySQL 8.x/5.x** Developer in Analysis, Design and Implementation of Business Applications using the Relational Database Management System (**RDBMS)**.
* **6 years** of experience in **Software** **Testing** using **Manual** & **Automation**.
* Developed Complex database objects like **Stored Procedures**, **Functions**, **Packages** and **Triggers** using **SQL** and **PL/SQL**.
* Good experience in writing, performance tuning and maintaining **Sybase** stored **procedures**, **functions**, **views** and **triggers**.
* Strong knowledge in **Sybase ASE** database programming using **T-SQL** **Stored Procedures, Built in Functions, Triggers, Cursors**
* Created **Tables**, **Views**, **Constraints**, Index (**B Tree**, **Bitmap** and **Function** Based).
* Experience in **Complex SQL Queries**, Dynamic SQL, and Analytical function.
* Experience in **Query Optimization**, **Debugging**, and **Tuning** for improving performance.
* Worked extensively on **Ref Cursor**, **External Tables** and **Collections**.
* Extensive experience in **Unix Shell Scripting** and **Perl** Scripting.
* Good experience in coding/unit testing the project deliverables.
* Created Shell Scripts for invoking SQL scripts and scheduled them using Crontab.
* Strong experience in **Data warehouse concepts, ETL.**
* **Good experience in Core Java, Python and JavaScript.**
* Involved in **GUI**, **Functional**, **Regression** and **System** testing.
* Experience in **Automation (Selenium & QTP)** and **Manual** Testing.
* Experience in Selenium Web driver using **Java**, **TestNG**, **Maven**, and **Jenkins**.
* Experience in writing Test Plans, Test Cases, Test Procedures and Test Scripts from requirements and Use-Cases.
* Knowledge and experience on agile software development practices.
* Excellent communication, interpersonal, analytical skills and strong ability to perform as part of a team.

**Skills Set:**

* **Operating Systems**: Windows 2000/XP, UNIX, Linux, Sun Solaris.
* **Databases**: Postgresql 12.x/11.x/10.x, Oracle 12c/11g/10g, MS SQL Server 2019/2017/2016/2014, Sybase 15.7/12.5, MySQL8.0 and MongoDB 4.2/4.0/3.6.
* **Tools**: ISQL, pgAdmin4, psql, Oracle SQL Developer, SQL Plus, TOAD, Autosys, MS SQL Server Studio.
* **Languages**:C, C++, SQL, PL/SQL, T-SQL, MySQL, Postgresql, UNIX, shell scripts, Java, XML, HTML, CSS, Java, Python
* **Data Modeling**: Erwin 4.0
* **Other Tools**: JIRA, GIT, SVN, Team city and Jenkins

**Education:**

* **B.Tech** (CSIT) from **NGIT**, **JNTU**, since 2005.

**Work Experience:**

* Working as **Senior Software Engineer** in **Verizon**, Hyderabad from Nov-2007 to still date.

**Projects Handled:**

**Project#1 : Order Management System (OMS)**

**Client :** Verizon, USA.

**Domain :** Security

**Duration :** April-2018 to Present

The project is to maintain the Order Management System (OMS) is a WorldCom Legacy System that provides comprehensive Domestic and International Provisioning; Network Inventory Management, Network Engineering, Private Line and Broadband Billing, Sales Support Systems, Sales to Information Work flow Management, Translations Support, and a multitude of Customer/Service Provider Interfaces. The OMS system processes domestic/international service circuit orders from order entry through installation at the customer’s site and subsequent billing.

**Roles and responsibilities**

* Involved in full development cycle of Planning, Analysis, Design, Development, Testing and Implementation.
* Participated in the development of new PL/SQL procedures, functions, and triggers.
* Wrote sequence for automatic generation of unique keys to support primary and foreign key constraints in data conversions.
* Created various DML and DDL statements using Oracle PL/SQL and SQL.
* Tuned some existing queries using Hints to improve execution time of the queries.
* Involved in the continuous enhancements and fixing of production problems.
* Extensively used the advanced features of PL/SQL like Records, Tables, Object types and Dynamic SQL.
* Created scripts to create new tables, views, queries for new enhancement in the application using SQL Developer.
* Creating indexes on tables to improve the performance by eliminating the full table scans and view for hiding the actual tables and to eliminate the complexity of the large queries.
* Used Bulk Collections for better performance and easy retrieval of data, by reducing context switching between SQL and PL/SQL engines.
* Handled errors using Exception Handling extensively for the ease of debugging and displaying the error messages in the application.

**Environment:** Oracle 12c, Sybase ASE 16.x/15.x, Postgresql 13.0/12.0, MySQL 8.0, psql, pgAdmin, SQL\*Loader, SQL Developer, Tableau, UNIX/Linux, Shell/Perl scripting, Java, Python and Windows XP

**Project#2** : **VIST**

**Client** :Verizon, USA.

**Domain** :Security

**Duration** :Dec-2016 to March-2018

VIST is the one of the biggest telecom application for Business customers. Here there different types of products are Involved namely Network products, Broad Band Products and mobile products. Main functionality in this application consists of customer can able to see the all product details based on the given input parameter.

**Roles and responsibilities**

* Created various DML and DDL statements using Oracle PL/SQL and SQL.
* Created stored procedures, functions, triggers and packages.
* Tuned some existing queries using Hints to improve execution time of the queries.
* Prepared the test scenarios and performed unit and regression tests on PL/SQL programs.
* Developed code fixes and enhancements for inclusion in future code releases and patches.
* Collaborated with product management to design, build and test systems.
* Worked with PL/SQL like Records, Tables, Objects Types and Dynamic SQL.
* Created table, views, materialized view and indexes.

**Environment:** MySQL 5.x, Oracle 12c, SQL, PL/SQL, MS SQL Server 2014, UNIX, SQL Developer, TOAD, Shell scripting and WinXP.

**Project#3** : **BGW (Broadband Gateway)**

**Client** :Verizon, USA

**Domain** : Telecomm

**Duration** :Jan-2015 to Nov-2016.

BGW is VZT application stands for ‘Broadband Gateway’, Currently BGW application is used for VZT products such as DSL/FIOS/TLS/Fast Packet Provisioning and Activation. BGW is the selected platform for Verizon Business Next Generation Transport Provisioning on high level BGW application have Sub-modules like Customer Ordering, Path Design, Provisioning, Activation & Element Discovery, Inventory Management, Task Management, Ref Data Management, Report Management, Project Management Administration.

**Roles and responsibilities**

* Involved in Design, Development and testing of the system
* Developed SQL Server Stored Procedures, Tuned SQL Queries( using Indexes and Execution Plan)
* Developed User Defined Functions and created Views
* Created Triggers to maintain the Referential Integrity.
* Creating and automating the regular Jobs
* Tuned and Optimized SQL Queries using Execution Plan.
* Created Tables, Indexes, Sequence, Sub-queries, Joins and Views.

**Environment:** MySQL 5.x, Postgres 10.x, Oracle 11g/10g SQL, PL/SQL, UNIX, TOAD, Unix/Linux, Shell scripting and WinXP.

**Project#4** : **Mobile Investment Banking**

**Client**  : Verizon, USA.

**Domain** : Telecomm

**Duration**  : Jan-2008 to Dec-2014.

This Project contains four types of users. They are Admin, Banker, Customer, and Visitor. Admin module is used to define and customize the master data like Branches, Roles, Users and Employee related to bank. Admin can Create Modify and Delete any branch, user, Role and Employee Details and also admin can search for branches information and User Information based on the given selection criteria.

**Roles and responsibilities**

* Involved in automation testing using Selenium Web Driver and QTP.
* Developed and executing the automated test scripts using Selenium.
* Defect tracking and reporting.
* Involved in writing test scenario and test case.
* Test Data preparation and execution.
* Validated GUI, Functional, Interface and System Testing.
* Executed regression test cases each release in DIT/SIT.

**Environment**: Selenium Web Driver 2.x, Selenium IDE, QTP 10.0, VBScripts, Maven, TestNG, Jenkins, SOAPUI UNIX, QC and Win2000.