

# Sridhar Sharma Mallojwala

Email : [sridhar.mca83@gmail.com](mailto:sridhar.mca83@gmail.com) Mobile : +91-9908763502

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**CAREER OBJECTIVE:** To achieve greater heights in the field of Database development in a Professionally charged environment where there is an emphasis on learning and ample opportunities for me to take part in the growth of the organization as well as myself.

## Professional Summary

- ✓ Having 10.5 years of experience in Oracle 11g,12c,19c.
- ✓ Created Tables, Views, Constraints, Index (B Tree, Bitmap and Function Based).
- ✓ Developed Complex database objects like Stored Procedures, Functions, Packages and Triggers using SQL and PL/SQL.
- ✓ Worked extensively on Ref Cursor, External Tables and Collections.
- ✓ Having knowledge on Performance Tuning, Forms 6i and Reports 6i and Unix Shell Scripting.
- ✓ Having Good Knowledge in Meter Data Acquisition and Meter data management systems for Energy and Water utilities.
- ✓ Able to manage & work with groups and individuals from diverse backgrounds.
- ✓ Having Extensive knowledge and hands-on experience in PostgreSQL for 1.3 Years as Database Developer .
- ✓ Familiar with SQL\*Loader to load data from external source like flat files into database tables.

## Education Qualification

- ✓ M.C.A (2005-2008) from Kakatiya University with 66% aggregate.

## Technical Expertise

- ✓ Database : Oracle 11g, 12c,19c, Postgres
- ✓ Languages : SQL, PL/SQL
- ✓ Tools : Toad Data Modeler, Oracle SQL developer
- ✓ Operation Systems : Windows 2000/2003/NT/XP

## Professional Experience:

- ✓ Worked as SQL,PL/SQL Developer in Bonbloc Technologies Pvt Ltd, Hyderabad from Mar-2022 to Till date.
- ✓ Worked as SQL,PL/SQL Developer in IBM INDIA Pvt Ltd, Hyderabad from Jul-2021 to Feb-2022.
- ✓ Worked as SQL,PL/SQL Developer and DBA in Adya Smart Metering Pvt Ltd, Hyderabad since Mar-2012 to Jul-2021.

## Project # 1

**McLane**

**PL/SQL Developer (SQL, PL/SQL)**

**Bonbloc Technologies**

McLane Company is one of the largest supply chain services leaders in the United States, providing grocery and foodservice solutions for convenience stores, mass merchants, drug stores and chain restaurants. Through McLane Grocery and McLane Foodservice, McLane operates over 80 distribution centers and one of the nation's largest private fleets.

### Responsibilities:

- ✓ Experience in Oracle SQL and PL/SQL including all database objects Tables, Views, Stored procedures, Stored functions, Packages, Cursors, REF cursors.
- ✓ Experience in advanced PL/SQL concepts like Dynamic SQL, PL/SQL COLLECTIONS, and BULK COLLECT.
- ✓ Handled errors using Exception Handling extensively for the ease of debugging and displaying the error messages in the application.
- ✓ Created SQL Conversion scripts to update the production database.
- ✓ Implemented cursors as required within the procedures

## Project # 2

**AT & T**

**PL/SQL Developer (SQL, PL/SQL)**

**IBM**

AT&T is currently deploying the infrastructure of its wireless communications network in California, called a "Personal Communication Service"(PCS). PCS is, in essence, simply another form of radio communication. PCS uses radio frequencies to send and receive information or conversations from an antenna to a wireless telephone.

IBM will be the primary developer and cloud provider for AT&T Business's operational applications and will help manage the AT&T Communications IT infrastructure, on and off-premises and across different clouds –private and public. This approach will enable AT&T Business to build and deploy internal application workloads, and deliver new, innovative services.

**Responsibilities:**

- ✓ Experience in Oracle SQL and PL/SQL including all database objects Tables, Views, Stored procedures, Stored functions, Packages, Triggers, Cursors, REF cursors.
- ✓ Experience in advanced PL/SQL concepts like Dynamic SQL, PL/SQL COLLECTIONS, and BULK COLLECT
- ✓ Developed materialized views for data replication in distributed environments.
- ✓ Handled errors using Exception Handling extensively for the ease of debugging and displaying the error messages in the application
- ✓ Interacted with the business users, collected the requirements, analyze the requirements, design and recommend solutions.
- ✓ Created SQL Conversion scripts to update the production database for quarterly software releases.
- ✓ Preparing Test cases and testing the application manually.

**Project # 3****Integral Coach Factory(ICF)****PL/SQL Developer (SQL, PL/SQL)****Adya Smart Metering**

Integral Coach Factory (ICF) Chennai, is a full end-to-end solution roll-out which involves supply, installation & commissioning of Smart Meters, Communication Networks, MDAS and MDMS.

This project deals with measuring energy consumption at ICF quarters and generate bi-monthly billing and send bills to ICF Energy Section as well as to the employees staying in respective quarters.

**Responsibilities:**

- ✓ Coordinated with the front end design team to provide them with the necessary stored procedures and functions and the necessary insight into the data.
- ✓ Involved in the Design and Implementation of the ICF Database.
- ✓ Worked on database in creating and modifying the stored procedures, triggers, functions, jobs, indexes and tables that are required for the application.
- ✓ Responsible for taking the backup of the databases.
- ✓ Implemented cursors as required within the procedures
- ✓ Monitor daily Oracle jobs, event logs, error logs and performance of the database.
- ✓ To identify long running queries and tune the same to optimize application and system performance.
- ✓ Extensively used the advanced features of PL/SQL like **Records, Tables, Object types** and **Dynamic SQL**.

## Project # 4

**Smart Utility Manager (SUM)**

**PL/SQL Developer (SQL, PL/SQL)**

**Adya Wifi Metering**

Smart Utility Manager (SUM) provides a flexible, robust and scalable solution that allows market participants to transmit the required meter data. SUM is responsible for various modules like billing, load profiling, theft detection, outage management. It provides long storage of data that can be used by the utilities for different purposes.

Through this application, we will be able to achieve the following functionalities:

- ✓ Remote Meter Data Acquisition with configurable periodic intervals
- ✓ Remote Meter Configuration and Management
- ✓ Implement pricing options in meters through application
- ✓ Demonstrate outage management model
- ✓ Implementation of Demand Side Management(DSM) techniques
- ✓ Provide reports and graphs for business purpose using the acquired meter data

### Responsibilities:

- ✓ Worked on database in creating and modifying the stored procedures, triggers, functions, jobs, indexes and tables that are required for the application.
- ✓ Involved in development of Customized protocols for communication with Kamstrup meters.
- ✓ Created reports With Toad Data Modeler.
- ✓ Involved in Performance Tuning of various scripts which are used as part of application.
- ✓ Involved in End to End testing of automated script & also for generalized scripts.
- ✓ To identify long running queries and tune the same to optimize application and system performance.
- ✓ Preparing Test cases and testing the application manually.

## Project # 5

**Aqua Trax**

**PL/SQL Developer (SQL, PL/SQL)**

**Adya Wifi Metering**

Utilities around the world are exploring new ways to acquire and communicate consumption data for water, reliably, accurately and in real time. Conservation of limited energy resources is a critical issue as costs and global warming threaten economies worldwide. Operationally, utilities also need to reduce meter reading inaccuracies and theft of service.

In Adya Wifi Metering, we provide communication modules for water meters these come under utility sub-metering. Communication is done through Radio Frequency modules. It interacts with the database that stores the data corresponding to the meters.

**Responsibilities:**

- ✓ Involved in the Design and Implementation of the Aqua Trax Database.
- ✓ Involved in the Automation of Scripts related to different applications for different categories.
- ✓ Worked on database in creating and modifying the stored procedures, triggers, functions, jobs, indexes and tables that are required for the application.
- ✓ Involved in development of Customized protocols for communication with Water meters.
- ✓ Created reports With Toad Data Modeler.
- ✓ Involved in End to End testing of automated script & also for generalized scripts.

**SKILLS**

- ✓ Effective Backend Programming with PL/SQL By writing Stored Procedures, Functions, Triggers, indexes and jobs.
- ✓ Creating SQL Logins, Assigning Roles to the users and Authentication Modes as a part of Security Policies for various categories of users.
- ✓ Designed and implemented comprehensive disaster recovery strategies for unforeseen circumstances.
- ✓ Export or Import data from one database to other database.
- ✓ Monitor daily Oracle jobs, event logs, error logs and performance of the database.
- ✓ To identify long running queries and tune the same to optimize application and system performance.
- ✓ Preparing Test cases and testing the application manually.