



**Mohammad Omar**

**Teradata DBA**



***Profile and Experience:***

IT Professional with 7 years of industry experience as Teradata DBA. Worked mainly in Teradata Performance Optimization/Physical Implementation specialist as well as Ter-adata DBA.



***Primary Areas of expertise*:**

* Worked on Data warehousing projects for Insurance and Manufacturing Do-mains. Clients – WellPoint, Tata Motors and Dixons Carphone Warehouse,Capital One and Horizon Blue Cross Blue Shield.
* Extensively worked in Performance Optimization/DBA roles.
* Experience with Physical design best practices, PI and SI choices, Statistics au-tomation, Access Rights cleanup, Tuning of queries/business reports , compres-sion
* Access Rights, Space Management and Password Reset.
* Hands on Loading Utilities like **Multiload, Fastload** through **Teradata Studio**.
* Hands on Shell Scripting through Bteq.
* Experience in Opening and Closing Incidents for changes in production through HPSM.
* Optimized bad queries after which there performance Improved by **30-40%.**
* Used Viewpoint extensively for monitoring purposes.
* Analysed and resolved TPT Issues while loading.

***Skill Sets:***

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| **Operating Systems** | Windows Server 2007,2008 r2 and SUSE Linux |
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| **Databases** | Teradata v12,v13.10, v14.10,Oracle 11g |
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| **DBA Tools** | SQL Assistant, TARA GUI, Teradata Statistics Wizard, |
|  | ABU Netbackup, Teradata Administrator, PMON, |
|  | Viewpoint, Teradata Manager, DBS Control ,Priority |
|  | Scheduler ,Teradata Database Query Log and Tera- |
|  | data Studio, PDCR and Tableau. |
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| **Teradata Client Tools** | MLoad, Fastload |
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***Teradata Certifications:***

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|  |  | **Certification** | | **Status** |  |  |  |
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|  |  | **Teradata Certified Professional** | | **Completed** |  |  |  |
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|  |  | **Teradata Certified SQL Developer** | | **Completed** |  |  |  |
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|  |  | **Teradata Certified Physical Implementa-** | | **Completed** |  |  |  |
|  |  | **tion Specialist** | |  |  |  |
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|  |  | **ITIL Certified 2011 in IT Service Manage-** | | **Completed** |  |  |  |
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| ***Education Qualifications and Certifications:*** | | | |  |  |  |  |
|  |  | • MSc IT from University of East London in 2012. | | |  |  |  |
| ***Training History:*** | | | |  |  |  |  |
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|  |  | **Class description** | |  | **Year** |  |  |
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|  |  | Introduction to Teradata 12 Database | |  | 2012 |  |  |
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|  |  | Introduction to Teradata SQL | |  | 2012 |  |  |
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|  |  | Physical Implementation of Teradata | |  | 2012 |  |  |
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|  |  | Teradata Utilities | |  | 2012 |  |  |
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|  |  | Teradata 12 Database Administration and Viewpoint | | | 2012 |  |  |
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| ***Experience:*** | | |  |  |  |  |  |
| Employer | | | : Teradata Corporation |  |  |  |  |
| Period | | | : April 2016 to till Date |  |  |  |  |
| Client Name : Horizon Blue Cross Blue Shield | | | |  |  |  |  |
| Environment: Teradata 14.10 | | | |  |  |  |  |
| Role | | | : Teradata DBA |  |  |  |  |

*Responsible for :*

* Deployment of Data from one environment to another.
* Viewpoint Monitoring on regular basis.
* Creating new users through the request in Horizon Identity Manager.
* Providing Access rights to the users.
* Working on Ad-hoc requests on daily basis.
* Tuned Long running queries which were performing badly and hampering the per-formance of the system.
* Took active part in Production Release for the deployment.
* Resolved TPT issues while running loads.
* Worked on creating new users, reset passwords and providing roles to the Users.



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* Taking backup of Tables and Databases through Data Stream Architecture (DSA).
* Worked on Tableau for pulling performance reports for the client.
* Worked on TDM (Teradata Data Mover) for moving tables from one environment to another.

Employer : Kia Consulting Inc.

Period : September 2014 till March 2016.

Client Name : Capital One

Environment : Teradata v13.10, v14.10, SUSE Linux

Role : Teradata DBA

Responsible for:

* Worked on Incidents and CO’s on various Issues.
* Provided Space to the particular Database and User through **Teradata Adminis-trator**.
* Creating Users and giving the Access Rights
* Optimized Bad queries by collecting Multi and Single Columns Stats for the bet-ter Performance of the System.
* Done Optimization on Long Running reports by recommending proper PI and Stats Collection.
* Taken Manual Backups and monitoring them through **TARA GUI**.
* Taking Backup of Table Manually through Incidents raised by users.
* Worked on **TASM** related changes.
* Approving Change Orders on regular basis.
* Worked on Loading Utilities like Fastload and Multiload.
* Worked on Shell Scripting through **Bteq** to implement Change Orders and Inci-dent.
* Hands on Teradata Load Utilities like Fastload and Multiload.
* Used **SQL Assistant** extensively for pulling data from DBQL and for Performance Tuning as well.
* Used **Viewpoint** in tracking Bad queries and removing Blockings in the System.
* Hands on TASM for changing the Rulesets through **Viewpoint** for the better per-formance of the system.
* Creating and Refreshing Views on client requests after new table creation.
* Solved Ad-hoc requests from different users related to their job failures in MLoad.

Employer :**Tata Consultancy Services.**

Period :November 2013 till August 2014.

Client Name :Tata Motors

Environment :Teradata v13.10

Role :Teradata DBA

Responsible for:

* Provided primary index and sec index recommendation for sub-optimal Ta-bles.
* Designed process for automated stats collection
* Worked on MVC Analysis to reduce IO consumption for the better perfor-mance of Tables.
* Recommendations for Stats collection for business critical tables
* Viewpoint Monitoring.
* Have taken Backup through ABU Netbackup and **TARA Gui** Utility.



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* Performance tuning of Business Reports.
* Providing weekly reports to the client regarding the performance of Teradata System.
* Worked on Access Rights Table to reduce size of the Table.
* Creating and Refreshing Views.
* Tracking Bad Queries and tuning them.
* Changing concurrency of the throttle if there is some delay in that Particular throttle.
* Raising and Monitoring incidents in Teradata At Your Service (TAYS).

Employer :**Teradata**

Period :July 2012 till September 2013

Client Name : **Wellpoint Apps**

Environment : Teradata v13.10, SUSE Linux

Role :Teradata DBA

Responsible for:

* Worked on Code Review by using Teradata Statistics wizard.
* Worked on DDL QA Check Process to find out any discrepancy available in DDLs Generated.
* Worked on DDL Generation using remote desktop (SYBASE) which were required for the DDL QA Check Process.
* Knowledge and worked on Backup and Recovery on **TARA GUI**.
* Worked on giving Access Rights to users on Insert and Select on Database and also used Teradata Administrator for finding out different Rights held by the user..
* Worked on Stats Collection request given by the client team.
* Worked on Release Data Copy on T10 in Wellpoint.
* Created Proxy id’s for the users.
* Optimization of bad queries.
* Hands on System Monitoring through **Viewpoint** and remove any blockings or re-lease the jobs in Delay queue.

**Client** **: Patni Computers UK**

Company : ITBEX UK

Period : Nov 2010 – Nov 2011

Environment : Teradata v12.0 , SUSE Linux

Role : Teradata DBA

**Responsible for:**

* Creating and managing Teradata database and environments.
* Managing users, roles and profiles in Teradata database.
* Current Space usage analysis and recommendation regarding the utilization of space.
* Good Knowledge of Teradata SQL Assistant, Teradata Administrator, Teradata Statistics Wizard.
* Monitoring the sessions and their resource usage.
* Checking stale statistics on the table and collected stats where required.
* Generating DDLs through SYBASE for the DDL QA Check process and later on for Migration.
* Used TARA Server for Backup and Recovery of Data



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Employer : **Tech Mahindra.**

Period :January 2008 till August 2010

Client Name : Amazon

Environment :Teradata V2r5

Role :Teradata DBA

Responsible for:

* Provided primary index and sec index recommendation for sub-optimal Ta-bles.
* Viewpoint Monitoring.
* Have taken Backup TARA Utility manually.
* Performance tuning of Bad Queries and tuning them.
* Worked on Access Rights Management and Space Management through **Tera-data Administrator.**
* Hands on Capacity planning as suggested by client.
* Adding new users to the system and giving access rights to them through **SQL** **Assistant**.

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