

Ali Fraz

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Objectives

To pursue a challenging position (Contract or FTE) in a dynamic, growing organization that can utilize my experience of cutting-edge analytics data platforms, Datawarehouse applications and related services.

Skills

* Teradata Database Development & Administration (TD 12, 13.0, 13.10,14.0,14.10,15.0,15.10)
* ETL/BI Development, Operations & Application Support (Informatica Power Center, Control-M, GCFR, SLJM)
* Teradata DEV/QA/PROD environments Development, Maintenance & Planning
* Teradata System Performance Tuning & Database Security Management
* SQL/BTEQ/TPT Development/Optimization, SQL EXPLAIN plan analysis, Query Optimization, Query Banding
* Teradata Active System Monitoring (TASM) Workload design & analysis
* Teradata Utilities (Teradata Parallel Transport (TPT), BTEQ, Fastload, Multiload, Fastexport, TPUMP) Development
* Stored Procedures/Macro’s
* Teradata Tools (SQL Assistant, TD Administrator, TSET, TD Index Wizard, Workload Analyzer)
* Teradata Viewpoint Management & Monitoring
* DBC Objects / Data Dictionary Maintenance, Analysis & Reporting
* System Health Analysis/Reporting using PDCR, DBQL & Resusage data
* Multi value compression (MVC), Block Level compression (BLC), Teradata virtual storage (TVS)
* Physical Database Modeling/Design, Understanding of OLAP/OLTP
* DBScontrol & CNS Utilities
* Capacity Planning & Forecasting, Support in Upgrades
* Unity, Dual active systems, Teradata multi-system management
* Informatica Power Center Support & Development
* System Administration & Shell scripting (UNIX/LINUX)
* Teradata Applications Support (CIM/ARM/TRM)
* Backups & Restore – BAR activities & strategies using DSA, Netbackup, NetVaulT, ARCMAIN
* Disaster Recovery Planning & Management
* SLAs and OLAs management
* ITIL Processes & Framework (Incident/Problem/Change/Release Management)
* IT Service Management Tools & Methodology (ITSM Remedy, Service Now)
* TARDIS / JIRA / STASH / Jenkins / Source Tree / Perforce

Certifications & Trainings

* Teradata 12 Certified Database Administrator
* Teradata 12 Certified Technical Specialist
* Teradata 12 Certified Professional
* ITIL v3 Foundation Certified in IT Service Management
* Teradata System Performance - Larry Higa (2012-Prague)
* Teradata Performance Optimization through Physical Design (2014-Manila)
* Teradata Performance Optimization through Workload Management (2014-Manila)
* Customer Service Skills & Mindset Program (2013-Islamabad)

Employment History

Optimum IT Solutions Inc.| Plano, TX

Teradata Datawarehouse Consultant – (*June, 2015 – Present*)

Being a Teradata Datawarehouse Consultant, I am responsible for delivering service components as per client’s defined contractual scope and SLAs. Below is brief overview of Client engagements.

**Teradata Corporation | Project - DSW | Columbus, OH**

Teradata Consultant | Onsite (Sep, 2016 – May 2017)

I was working as Teradata DBA (Contract) at DSW with major focused on implementing Teradata best practices and educating Client staff around Database Development & Performance Optimization techniques.

* Stored Procedures Development to Automate DBA level 1 tasks
* Database Development and Administration for 5 Teradata Systems
* Re-engineering Security & Implement new Teradata 15.0 features
* Performance Optimization through physical design and workload management (TASM)
* Productive Partnership with EDW/BI Architects & Data Modelers
* Co-ordinate with GSC and TD CS for ongoing issues and plan future upgrade roadmap

**Teradata Corporation | Project - Expedia | Bellevue, WA**

Teradata Consultant | Onsite (Jul, 2015 – Aug 2016)

I worked as MS team Lead - Teradata DBA for last 5 months prior to which I was working in capacity of Teradata Developer as a Contractor for DB2 – Teradata Migration project of Expedia.

* Strategic Teradata Database Development, DWH Engineering & Performance Tuning activities
* Advance DBA tasks/BAR-(DSA)/TASM/Viewpoint Set-up/Performance Tuning management
* ETL Development/Migration using TPT, Informatica Power Center & other Teradata Tools & Utilities
* Stored Procedures/ SQL/BTEQ Development, Testing & Optimization, SQL EXPLAIN plan analysis
* Design/Development/Testing/Deployment of migration sprints and performance analysis (Dev/QA/Pre-Prod/Prod)

Teradata Corporation

Teradata Professional Services Consultant – (*Oct 2010**– June, 2015)*

My role over the last 5 years as a Teradata Consultant (FTE) has been to deal with operational elements of the Teradata DWH platforms both onsite & offsite with some reputable clients of Teradata across Europe & Middle East.

**Teradata Managed Services - CoE | EMEA Region** *(Jan 2015 – May 2015)*

In this role, my key focus was to conduct performance optimization assessments and introduce Teradata DBA/ETL best practices across MS accounts in Europe, Middle East, Africa & Asia Pacific region.

* System performance tuning exercise on key MS accounts
* Identification of performance issues & provide/recommend optimized solutions
* Assist in implementation of Teradata DBA/ETL Development standard best practices and process automation
* User/Developers guides & training on DBA/ETL best practices & performance optimization techniques

**Unilever**

Teradata System Performance Tuning Engineer | Offsite (Sep 2014 – Dec 2014)

In the large DWH environment of Unilever, I was assigned as a Performance tuning expert and successfully identified/fix performance issues system wide and optimize semantic jobs to ensure SLA compliance

* Semantic layer performance tuning & optimization
* Tuning/Re-writing of complex ETL/Business queries(SQL, BTEQ, Stored Procedures), SQL EXPLAIN plan Analysis
* Performance reporting for Capabilities using PDCR, TASM & Workload design & analysis
* Unity, Dual active systems, Teradata multi-system management
* Root Cause Analysis for system degradation & provide optimized Solution Recommendations/Fix

**Telenor**

Teradata DBA/ETL Tech Lead | Onsite – Islamabad (Jan 2014 – Sep 2014)

I was assigned in a leading Telecom company of Pakistan as a Lead Teradata DBA/ETL where I accomplished to optimize Teradata DWH system & stream line EDW operations/development/deployments by Introducing Teradata best practices.

* Teradata Parallel Transport (TPT) Support & development, DBA/ETL Process automation, SLA’s/OLA’s maintenance
* Advanced DBA support, TASM workload analysis & implementation for Prod/QA/Dev environments,
* ETL big-batches Hot-fixes, Query optimization, SQL/BTEQ Writing , SQL EXPLAIN plan analysis
* Capacity Planning (Saved 46-TB space), Multi Valued Compression, Block level Compression
* Auto Stats Collection Process Implementation/Maintenance, Stats Optimization

**Qatar Telecom (Ooredoo)**

Lead Teradata DBA / Developer | Onsite – Qatar (Apr 2013 – Dec 2013)

As a Teradata Consultant in leading Telecom Company of Qatar, I introduced Teradata DBA/ETL best practices to optimize Teradata DWH Production/Development system & stream line EDW operations.

* DBA activities for Development/Production environment, Teradata Viewpoint setup
* Database Objects development & maintenance, Table/View/Macros/Stored Procedures, Index selection & Stats
* Informatica power center ETL batch development & Support, Incident/Problem resolution & Hotfixes
* ETL batch performance analysis and optimization, Automation of DBA/ETL reports
* Offshore Team Management, Project documentation (Operational Manuals/Run-book)

**Nokia**

Onsite – Finland | (Apr 2011 – Apr 2013)

I worked in the challenging DWH environment of world's largest manufacturer of mobile handsets, where I served in multiple roles, as a Performance DBA as well as Informatica ETL lead.

Teradata System Performance Tuning Engineer

* Teradata System Performance tuning/optimization for Production/Dev/QA & XLDB systems
* Query Optimization (SQL Review/Re-write/Test/Deploy), SQL EXPLAIN plan analysis
* Root Cause Analysis for system degradation & provide optimized Solution Recommendations/Fix
* Physical Data Modeling/Design, Semantic layer aggregation tuning / recommendations
* Performance Testing of new releases in QA/XLDB systems before PROD deployments

Teradata Developer & Application Support

* Development and Operational support for Demand & Delivery (DND) applications to adhere agreed SLA
* Teradata Database Development, ETL/BI Development using Informatica Power Center & Teradata Utilities
* ETL Reporting, Data Validations, Source Data Reconciliations, Troubleshoot & Apply Hotfixes
* QA Testing and Prod Deployments

**Statoil**

Teradata DBA / Developer | Offsite (Oct 2010 – Mar 2011)

As Teradata Consultant in the leading energy company of oil & gas production in Nordics, my duties were to perform DBA and Development support activities in rotating shift model, some of which are as below.

* Database Administration & Development as per TD Best Practices for Dev/QA/Prod Environment
* ETL Development & Support (Teradata Utilities)
* Data Backups & Restore

**Gjensidige**

Teradata DBA & TRM Support | Offsite (Oct 2010 – Mar 2011)

I was assigned on Norway's largest financial services Datawarehouse platform to provide Teradata Relationship Manager (TRM) support and Database Administration Tasks

* Teradata Relationship Manager (TRM) support / Batch Troubleshooting
* Application monitoring & Batch reporting
* Basic DBA tasks including Data Backups & Restore using Netvault

Education

Forman Christian College

***2010*** - Bachelors of Sciences - Computer Sciences (Honors) - *Valedictory Award Winner 2010*

References

Refer to Linked-in or can be furnished on request.