 

## Experience Profile

17+ years of IT experience in Data Management area on different systems, supporting databases and reporting Applications. Architect data solutions across system/platforms involving databases, data integration, reporting layer. Design and support disaster recovery and failover solutions for data platforms.

Familiar with Hadoop 2.7.3 and Big Data platforms.

Responsible for integrating Hadoop Bigdata platforms into Teradata Ecosystem. Implemented Teradata—Teradata and Teradata-Hadoop Querygrid and Teradata Unity for Disaster Recovery.

My work profile involves all aspects of Teradata Database Administration tasks supporting Teradata Intelliflex, EDW 6700 and Appliance 2700 Infrastructure.

Perform DBA role on Netezza NZ2002 Appliance platform and support Big Data initiatives from Strategy perspective.

Responsible for Tableau Server Administrator tasks.

Responsible for implementing new policies and procedures for data encryption at rest and in-transit, to support PII regulatory requirements. Also responsible for implementing and support of Protegrity data encryption tool on Teradata systems.

Job Responsibilities:

1. Design and Implement tables while working with business partners, using data modeling tool like CA ERWIN.
2. Design and implement load jobs using Multiload, Fastload, TPump on Unix and Mainframe environments.
3. Work with security team in defining standards for user creation, authentication and authorization.
4. Work with Information assurance team in identifying PII data, create and maintain data encryption keys and roles to support encryption of data at rest and maintain data secure on reporting layer.
5. Facilitate sensitive data protection by monitoring and supporting Protegrity data encryption.
6. Coordinate and support maintenance and upgrade of Protegrity data encryption software.
7. Support Information assurance initiatives on automated scanning of new PII data elements introduced in EDW.
8. Design solution across Query Grid tool connecting Teradata and Hadoop systems.
9. Design solution across Teradata Unity to support Teradata DR.
10. Query tuning for problematic workload.
11. Monitoring and coming up TASM configuration changes.
12. Capacity planning reporting and keeping management informed of trends on System utilization and outlook.
13. Facilitate data retention and purge based on agreed on procedures.
14. Leading and managing Firmware and FRO hardware upgrades.
15. Lead multiple Teradata hardware floorsweep projects.
16. Leading and managing DR and database version 16.20, 15.10, 14.10 upgrades.
17. Involved in floor sweep and installs of new EDW systems.
18. Act as a liaison between users, Informatica ETL and OBIEE Reporting teams in defining workloads and

Benchmarking measurements.

1. Coordinate with Teradata GTS and other teams through Incidents/T@YS for issues related to Systems

Availability and Infrastructure.

1. Manage software inventory and roll out for Teradata tools and utilities, for Linux/Unix servers & Windows

Workstation/servers & Mainframe systems.

1. Coordinate with distributed network and mainframe channel connectivity teams for Outages on Mainframes

or network switches.

1. TPM and technical contact point for all Teradata related topics of interest for peers and senior management.
2. Monitor and report Capacity on Demand (COD) usage and address concerns/spikes as and when seen.
3. Define standards for Spool, Temp, Perm space. Measure usage trends and performance issues, tune and

Fix.

## IT Certifications

* Teradata Certified Master V2R5
* Teradata Certified Design Architect V2R5
* Teradata Administration V2R5
* Teradata Physical Implementation V2R5
* Teradta SQL V2R5
* Teradata Basics V2R5
* Oracle 9i Database fundamentals-1
* Oracle 9i SQL

## Skills

Operating Systems : MPRAS UNIX, SLES 10 SP3

RDBMS : Teradata 15.10, 16.20, Oracle 8i/9i

ETL Tools : Datastage 8.0, ETI, Informatica 9.6.1

OLAP Tools : Hyperion Analytics-Essbase 11.x.x, Gentia

Reporting Tools : Hyperion Production Reporting, Hyperion Interactive Reporting, Hyperion Web Analysis Reporting 11.x.x

Modeling Tools : CA AllFusion Erwin 7.x

Utilities/Features : Teradata Manager, Teradata Administrator, BTEQ, Multiload, Fastload, TPump, SQL\*Plus, Export, Import, TKPROF, SQL Loader, TOAD, PL/SQL Developer

Languages : UNIX shell programming, SQL, PL/SQL, Java 1.0, JSP, Servlets, HTML, Java Swing, VB 6.0, Weblogic, Oracle.

**Work Experience**

* July 2017 till date, Symantec Corp, San Jose, CA, US([www.symantec.com](http://www.symantec.com)) – Teradata DBA Consultant
* August 2008 till June 2017, Union Pacific Corp, Omaha, NE, US([www.up.com](http://www.up.com)) - Teradata DBA Consultant
* May 2003 till August 2008, L&T Infotech, Phoenix, AZ, US([www.lntinfotech.com](http://www.lntinfotech.com)) - Project Manager
* February 2000 till April 2003, Pentagon Global Solutions Ltd, India – Software Engineer
* August 1997 till October 1999, ICI India Ltd, India – Sales Engineer

##### Academic Record

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| --- | --- | --- | --- |
| Degree | School/University | Year of Passing | Percentage |
| Bachelor of Engg | Pt Ravi Shankar Univ, Raipur, India | 1997 | 66% |
| XII | M.P. State Board | 1993 | 73% |
| X | M.P. State Board | 1991 | 69% |

### Professional Experience:

Project #1

**Symantec Corp.**

San Jose, CA

**July 2017 till date**

**Environment:** Teradata 16.20, Informatica 9.6.1, Business Objects, Qlik View, Protegrity 6.6.x., Hadoop 2.7

**Description and responsibilities: Teradata DBA Consultant**

* Implement tables, views, users, roles and profiles.
* Administer roles and access as per procedures.
* Support Protegrity implementations for data encryptions, working with Security teams.
* Support Production Support Sustain activities.
* Work with application teams and TPM’s in rollouts for TTU’s.
* Work with vendor on systems and performance issues.
* Monitor PDCR data extracts and usage of DBQL.
* Manage DBQL rules as per system requirements to support growth and analysis.
* Monitor and optimize queries by tuning them and also engage application/customers on best practices.
* Monitor workload growth, tune and optimize, and work with Application teams.
* Review and make changes to TASM rulesets in accordance with growth in workloads.
* Contribute to efforts on Database upgrades, DR patches, hardware FRO and system configuration related projects.
* Periodically generate Capacity planning reports for growth projections for senior management.
* Partner with modeling team on standards and procedures, also review and participate in project reviews for ETL and Reporting teams.
* Support BAR activities.

Project #2

**Union Pacific RailRoad (A ProKarma inc. client)**

Omaha, NE

**August 2008 till June 2017**

**Environment:** Oracle, JDBC, J2EE, Weblogic, Sql Server, Netezza, Teradata, Informatica, Essbase, Oracle Business Intelligence, Hortonworks Hadoop and UNIX.

**Description and responsibilities: Teradata DBA Consultant**

As a Database Administrator handle all aspects of database development, system availability, capacity planning and a TPM. Act as a single point of contact for EDW and a go to person.

Work with Information assurance in defining and implementing data security for PII data elements.

Perform DBA responsibilities on IBM Netezza environments for various Projects. Support new/ongoing projects, working with business partners, by modeling new tables, implementing table/views, creation of ETL and App ID’s and implementing security as per project requirements.

Develop and maintain data related solutions for Intermodal Marketing & Sales Business Development team, Finance and Operating business teams. Provide data and reports to analyze train performance by lane and metro area, explore business opportunities, trend analysis for historical data, plan v/s outlook analysis and also support analytical tools.

Monitor and tune queries periodically for high CPU workload.

Lead Teradata 15.10 database upgrade project. Installs of 15.10 drivers and TTU’s on client, server and mainframe systems. Coordinated with change control on upgrading Protegrity data encryption software on Teradata nodes and worked thru 15.10 database software upgrade on Test/DR, User/Application testing and Production upgrades. Work with engineering teams, account team and solution architects in escalations and issue resolutions.

Generate capacity planning reports on defined frequency, keep senior management informed on growth trends.

Periodically review TASM workload setting based on performance and growth. Adjust rules accordingly and communicate with Reporting and ETL teams.

Actively contribute on strategy discussions related to growth of EDW and Big data initiatives.

Perform DBA responsibilities on IBM Netezza environments for various Projects.

Project #3

**Freescale Semiconductor inc, (A L&T Infotech Client)**

2100 E Elliot Road, Tempe-AZ

**June 2003 till August 2008**

**Environment:** IBM AIX 5.2, Sun Solaris, MPRAS Unix, Linux, Oracle 9.2.0.6.0, Teradata V2R6, IBM Datastage 8.0, Hyperion Portal 9.3.1, Hyperion IR, Hyperion PR, Hyperion Analytics-Essbase, CA AllFusion Erwin 4.1, Maestro scheduler, J2EE, Weblogic, Oracle

**Description and responsibilities:**

It’s a Multi Year Outsourcing engagement involving Application Maintenance and Development, Production Support, Database Administration and Tech Support.

**Work summary with Freescale Semiconductors:**

***Teradata Application DBA (June 2006 - till date)***

Description: Freescale EDW is built on Teradata V2R6. Scope includes Apps DBA tasks on database, maintaining 24\*7 support, adhering to defined SLA on system uptime and ticket resolutions.

Environment and Tools: Teradata V2R6, TTU8.2, MPRAS-UNIX, LINUX, Priority Scheduler, Teradata Manager, Teradata Administrator, Teradata Performance Monitor

Responsibilities:

1. Teradata Application DBA
2. Logical and Physical Data Modeling
3. 24\*7 Production Support
4. Application and SQL tuning
5. Coding complex bteq collection load jobs.
6. Assisting Project team on technical issues.

Project #4

**Work summary with Pentagon Global Solutions Ltd:**

***Cameo Corporate Services (May 2001 – May 2003)***

Description: Project involves maintenance and development work of existing IT applications. Also involves Apps DBA support to production database and development teams.

Environment: Windows NT server 4.0, PL/SQL, Oracle 8.1.6, Servlets, JSP, Tomcat 3.2, TOAD.

Responsibilities:

· To create additional tablespaces, data files as situation needs,  
· To create users, roles, manage security.   
· SQL tuning on Production issues. Also assist development team on tuning or technical issues

· PL/SQL coding as per enhancement request, break fix issue closure needs.

- Requirements Analysis, Development and Testing based on project needs

- Documenting design specifications.

- Preparing test cases as per business requirements.

***JoshJobs URL :*** [***http://www.joshjobs.com/***](http://www.joshjobs.com/) ***(Feb 2000 – Apr 2001)***

Environment: Windows NT 4.0 , Oracle8.1.6, PL/SQL, PL/SQL Developer(5.1), JSP,Servlet ,JDBC,PL/SQL, JavaScripts , Java , Tomcat .

Responsibilities:

- Played the role of Application Developer.

- Coding PL/SQL procedures,

- To create additional tablespace, data files as situation needs,   
 - To monitor and optimize the performance of the SQL Queries,   
 - Requirements Analysis, Development and Testing based on project needs

- Documenting design specifications.

- Preparing test cases as per business requirements.

- Perform server side programming using JSP.

- Coding Java script for front end validations

***ICI INDIA LTD (Aug 1997-Nov 1999)***

*Designation* Sales Engineer

*Job Profile* Working with Distribution team/network to track monthly sales target, work with manufacturing and Supply Chain teams to meet planned supply.

## Academic Qualification

* *Bachelor of Engineering* in year 1997 from Govt.Engg.College, Pt. Ravi Shankar Shukla Univ., Raipur, INDIA

# Training Received through Employers

* Teradata Basics, Advanced SQL, Physical Implementations from NCR Teradata, @Phoenix, USA (In 2006)
* Hyperion Essbase from ThirdWare Solutions (Hyperion Partner), @Mumbai (In 2003)
* Oracle PL/SQL and Data warehousing Concepts from Pragati Software @Mumbai (In 2003)
* 3 day course on PMBOK from PELCON a PMI recognized Training Provider, @Mumbai (In 2004)
* Hyperion Analytics-Essbase and Web Analysis Reporting, @Mumbai (In 2007)
* Completed a course on PL/SQL Programming, Oracle 8i Architecture, SQL & Memory Tuning, Recovery & Backup Modules from Softspark Technologies, Vashi, @Navi Mumbai(In 2000)