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Professional Summary

Certifications

- MySQL 8.0 Database Administrator – Professional
- Oracle Database Certified Professional – 10g, 11g, 12c, 19c
- Red Hat Certified Engineer (RHCE)
- AWS Certified Solutions Architect – Associate

Core Database Experience

- 14+ years of experience managing enterprise-scale **Oracle** across on-prem, cloud and hybrid environments.
- 8+ years of experience managing enterprise-scale **MySQL** databases across on-prem, cloud and hybrid environments
- 6+ years of experience managing enterprise-scale **PostgreSQL** databases across on-prem, cloud and hybrid environments.
- Multiple years of experience managing enterprise-scale **Snowflake, Redshift, DynamoDB and MongoDB**
- Extensive experience supporting 24/7 mission-critical production systems, ranging from multi-GB to multi-TB databases.

MySQL & PostgreSQL Expertise

- Hands-on experience managing MySQL and PostgreSQL across AWS RDS, Amazon Aurora (MySQL & PostgreSQL), EC2-hosted databases, and on-prem environments.
- Led major and minor version upgrades for MySQL and PostgreSQL with minimal downtime, including compatibility checks and rollback planning.
- Managed schema evolution and data type migrations (e.g., INT → BIGINT) across high-volume production tables.
- Designed and supported MySQL replication architectures, including Aurora ↔ EC2 replication across multiple AWS accounts.
- Migrated hundreds of MySQL databases from on-prem to AWS, including Aurora Global Clusters.

Oracle Database Expertise

- Managed Oracle 9i, 10g, 11g, 12c, 18c, 19c, and 23ai databases in Production, Development, QA, and DR environments.
- Strong hands-on experience with Oracle RAC (Standalone & Clustered) and Data Guard (Physical & Logical Standby).
- Designed and administered Oracle GoldenGate configurations (Active-Active and Active-Passive).
- Performed Oracle database patching, upgrades, cloning, and refreshes using RMAN and Data Pump.
- Implemented Oracle TDE wallet-based encryption to secure sensitive and financial data.
- Installed, configured, and administered Oracle Enterprise Manager (OEM) for monitoring, patching, and job automation.
- Extensive experience with AWR, ASH, ADDM, Flashback Recovery, Recycle Bin, and performance diagnostics.
- Tuned complex SQL using Explain Plan, CBO, hints, AWR reports, TKPROF, and Statspack.

Cloud, Migration & HA/DR

- Strong experience managing databases on **AWS (RDS, Aurora, EC2, DMS, S3, Redshift)**.
- Led and supported **large-scale database migrations**:
 - On-prem → AWS
 - EC2 → RDS / Aurora
 - Cross-engine migrations using **AWS DMS, logical replication, dump/restore**
- Designed and maintained **High Availability and Disaster Recovery** solutions using:
 - Participated in **Disaster Recovery drills**, testing, and documentation.

Performance, Monitoring & DevOps

- Proactively monitored and optimized database performance using **CloudWatch**, **Performance Insights**, **slow query logs**, and custom dashboards.
- Performed advanced **query tuning**, **index optimization**, **execution plan analysis**, and parameter tuning for high-throughput systems.
- Experience managing **database schema pipelines using Liquibase**.
- Hands-on experience with Git
- Hands-on experience with **infrastructure as code (IaC)** using **terraform**
- Hands-on experience on design microservice architecture.
- Worked closely with application and platform teams to troubleshoot **production incidents**, review changes, and deploy new releases safely.

Technical Skills:

Database: ORACLE, MySQL, PostgreSQL, Snowflake, Redshift and MongoDB

Cloud Technologies:

- Amazon Web Services (AWS): RDS, Aurora, DynamoDB, EC2, S3, Lambda, CloudFormation, Secret
- AWS Database Migration Service (DMS)
- AWS Schema Conversion Tool (SCT)

Version Control

- Git
- GitHub, GitLab for repository management and collaboration

Database Pipeline & Automation

- CI/CD pipelines for database deployments using Jenkins, GitLab CI, or AWS Code Pipeline
- Automated backup and recovery processes
- Infrastructure as Code (IaC) with Terraform for database provisioning

Development Tools

- TOAD Application/DBA Module
- SQL Developer
- VSCODE
- DBeaver

Operating Systems

- Unix (AIX, Solaris), Linux (Red Hat), Windows Server

Languages

- SQL, PL/SQL, T-SQL, Shell Scripting, Perl, Python

Database replication:

- Oracle Goldengate for real-time data replication and heterogeneous database migrations
- AWS Database Migration Service (DMS) for homogeneous and heterogeneous migrations, including schema conversion and data transfer client production systems and internal instances.

Professional Experience

TriNet, New York

Sep 2021 to present.

Senior Database Engineer

Responsibilities:

- Managing oracle **23ai,19c,12c RAC** in production, Development, and non-production environments.
- Managing **MySQL** and **PostgreSQL** across AWS RDS, Amazon Aurora (MySQL & PostgreSQL), EC2-hosted databases, and on-prem environments.
- Hands-on experience managing MySQL and PostgreSQL databases across AWS RDS, Amazon Aurora (**MySQL/Postgres**), EC2-hosted databases, and on-prem environments.
- Performed major and minor version upgrades for **MySQL** and **PostgreSQL** with minimal downtime, including pre-upgrade compatibility checks, parameter tuning, and post-upgrade validation.
- Led and supported database migrations between on-prem to AWS, EC2 to RDS/Aurora, and cross-engine migrations using native replication, DMS, logical replication, and dump/restore strategies.

- Designed and maintained high availability and disaster recovery setups using multi-AZ, read replicas, Binlog replication, WAL streaming, and automated backups.
- Optimized database performance through query tuning, index optimization, execution plan analysis, and parameter group tuning for production workloads.
- Managed schema changes and data type migrations (e.g., INT → BIGINT) across large, high-volume tables in both staging and production environments.
- Implemented monitoring and alerting using CloudWatch, Performance Insights, slow query logs, and custom dashboards to proactively detect and resolve issues.
- Managing oracle databases in amazon cloud (AWS RDS, EC2, DMS, snowflakes)
- Managing Goldengate for data replication
- Experiences data migration from on-prem to cloud environments.
- experiences on database **upgrade and migration** with Oracle **12c and 19c**
- Managing AWS **Redshift** cluster, including provisioning, scaling, schema design and data load.
- Performed **RMAN** backups, restores, cloning or refreshing databases. Ensured Availability of client production systems and internal instances.
- Monitoring and maintaining **Oracle Data guard, physical and logical standby databases** on Production Environment.
- Responsible for **database upgrade PSU patching** in different database environments.
- Installed and configured **OEM** in production and development environments. Managing patching and other databases jobs through OEM.
- Closely working with database **performance tuning** issues.
- Daily DBA activities like Tuning of **SQL/PLSQL**, Performance Tuning, Database auditing and managing usergroups, Database security, OS space monitoring etc.
- Involved with data modeling and deploying new code to production.
- Extensively working with **Unix Shell, Python** for monitoring database issues and maintains the cronjobs.
- Performance Tuning of various aspects of the database using utilities like AWR, ADDM, explain plan and tuning of initialization parameters.

Environment: **MYSQL, PostgreSQL, Oracle 19c,18c,12c,11g**, RAC, Goldengate, AWS, RDS, EC2, Physical Dataguard, RHEL, UNIX ShellScripts, python, RMAN, TOAD, performance tuning

ViacomCBS, NYC

Mar 2016 to Aug 2021

Senior Database Administrator

Responsibilities:

- Managing oracle **19c,18c, 12c, 11g, RAC** in production, Development, and non-production environments.
- Managing oracle databases in amazon cloud (AWS RDS, EC2, DMS, Redshift)
- Hands-on experience managing MySQL and PostgreSQL databases across AWS RDS, Amazon Aurora (**MySQL/Postgres**), EC2-hosted databases.
- Designed and supported **MySQL replication architectures**.
- Led **major and minor version upgrades** for **MySQL** and **PostgreSQL** with minimal downtime, including compatibility checks and rollback planning.
- Experiences data migration from on-prem to cloud environments.
- Managed **snowflakes** databases.
- Managed oracle enterprise manager (OEM)
- Performed **RMAN** backups, restores, cloning or refreshing databases. Ensured Availability of
- Working experiences on Oracle TDE master wallet encryption to secure financial data.
- Responsible for cloning and replication procedures, backup and recovery procedures, export/import scripts, data pump scripts.
- Monitoring and maintaining **Oracle Dataguard, physical and logical standby databases** on Production Environment.

- Responsible for **database upgrade PSU patching** in different database environments.
- Experiences on Oracle table and index partitioning in multi terabytes databases.
- Closely working with database **performance tuning** issues.
- Daily DBA activities like Tuning of **SQL/PLSQL**, Performance Tuning, Database auditing and managing usergroups, Database security, OS space monitoring etc.
- Knowledge about oracle shareplex and Goldengate.
- Creating and maintaining Flashback database restore points based on user requests.
- Involved with data modeling and deploy new code to production.
- Extensively working with **Unix Shell, python** for monitoring database issues and maintains the cronjobs.
- Monitoring **SQL Server 2012** both production and non-production environments.
- Performance Tuning of various aspects of the database using utilities like AWR, ADDM, explainplan, statspack, and tuning of initialization parameters.
- Working with Networked Attached Storage (NAS) & Tivoli Storage Management (**TSM**)
- Working with data modeling and integrating for new code deployment.
- Fixing user problem based on ticket.

Environment: **MYSQL, Postgres, Oracle** 23ai,19c,18c,12c,11g, RAC, GoldenGate, AWS, RDS, EC2, Physical Dataguard, RHEL, UNIX ShellScripts, python, RMAN, OEM 10g, TOAD, PL/SQL Developer, performance tuning, Vmware, SAN stora

Coach Inc., Carlstadt NJ

Jan 2015 to Feb 2016

Senior Oracle DBA

Responsibilities:

- Managing oracle **12c, 11g RAC** (4, 2 node) in production, Development and non-production environments.
- Experience on Upgrading **11g to 12c** (both CDB and non-CDB) databases.
- Working in Oracle SAP 11.2.0.4 and 12.1.0.2 in AIX environments with brtools.
- experiences on database **upgrade and migration** with Oracle 10g,11g and 12c
- Experience with **IBM Netezza** in data warehouse system.
- Experiences on Oracle data loading with **external table**
- Performed **RMAN** backups, restores, cloning, or refreshing databases and applications. Ensured Availability of client production systems and internal instances
- Monitoring and planning **ASM** storage in all databases.
- Experience with CISCO TIDAL Enterprise scheduler and AUTOSYS scheduler
- Working experience **Audit Vault, AES Security/Encryption**.
- Working experiences on Oracle TDE master wallet encryption to secure financial data.
- Responsible for cloning and replication procedures, backup and recovery procedures, export/import scripts, data pump scripts.
- Monitoring and maintaining **Oracle Dataguard** on Production Environments.
- Create development environments for application users for testing.
- Responsible for **database upgrade PSU patching** in different database environments.
- Experiences on Oracle table and index partitioning in multi terabytes databases.
- Closely working with database **performance tuning** issues.
- Daily DBA activities like Tuning of **SQL/PLSQL**, Performance Tuning, Database auditing and managing usergroups, Database security, OS space monitoring etc.
- Experiences with Netezza new database creation, data loading, refreshing and performance tuning.
- Creating and maintaining Flashback database restore point based on user requests.
- Involved with data modeling and deploying new code to production every week.
- Extensively working with **Unix Kshell** to monitor database issues and maintains the cronjobs.
- Monitoring **OEM 11g** for performance issues and trouble shouting based on errors.
- Monitoring **SQL Server 2012** both production and non-production environments.

- Performance Tuning of various aspects of the database using utilities like AWR, ADDM, tkprof, explainplan, statspack, and tuning of initialization parameters.
- Working with Networked Attached Storage (NAS) & Tivoli Storage Management (TSM)
- Working with data modeling and integrating for new code deployment.
- Fixing user problem based on ticket.

Environment: Oracle 12c, GoldenGate, 11g RAC 11g 11g Physical Dataguard, AIX, RHEL, UNIX Shell Scripts, RMAN, OEM 10g, TOAD, PL/SQL Developer, performance tuning, Vmware, SAN storage

Verizon wireless, Alpharetta GA

Aug 2014 to Jan 2015

Senior Oracle DBA

Responsibilities:

- Managing oracle **11g RAC** (6, 4, 2 node) in production, Development and non-production environments.
- Working with more than 200 databases including production, Development and non-production
- Working on different versions of OS like **AIX, SUN, LINUX**
- experiences on database **upgrade and migration** with Oracle 10g, 11g and 12c
- Performed **RMAN** backups, restores, cloning, or refreshing databases and applications. Ensured Availability of client production systems and internal instances
- Monitoring and planning **ASM** storage in all databases.
- Responsible for cloning and replication procedures, backup and recovery procedures, export/import scripts, data pump scripts.
- Monitoring and maintaining **Oracle Dataguard** on Production Environments.
- Experiences with Netezza new database creation, data loading, refreshing, backup and recovery and performance tuning
- Create development environments for application users for testing.
- Responsible for **database upgrade PSU patching** in different database environments.
- Experiences on Oracle **table and index partitioning** in multi terabytes databases
- Closely working with database **performance tuning** issues.
- Daily DBA activities like Tuning of **SQL/PLSQL**, Performance Tuning, Database auditing and managing usergroups, Database security, OS space monitoring etc.
- Knowledge about oracle shareplex and Goldengate.
- Creating and maintaining Flashback database restore point based on user requests.
- Involved with data modeling and deploying new code to production every week.
- Extensively working with **Unix Kshell** to monitor database issues and maintains the cronjobs.
- Monitoring **OEM 11g** for performance issues and trouble shooting based on errors.
- Monitoring **SQL Server 2012** both production and non-production environments.
- Working with various types of table and index partitioning (like interval, Hash etc.)
- Performance Tuning of various aspects of the database using utilities like AWR, ADDM, tkprof, explainplan, statspack, and tuning of initialization parameters.
- Working with Networked Attached Storage (NAS) & Tivoli Storage Management (TSM)
- Working with data modeling and integrating for new code deployment.
- Fixing user problem based on ticket.

Environment: Oracle 12c, 11g RAC 11g 11g Physical Dataguard, AIX, RHEL, UNIX Shell Scripts, RMAN, OEM 10g, TOAD, PL/SQL Developer, performance tuning, Vmware, SAN storage

Oracle DBA

Responsibilities:

- Planning, Implementing and validating various versions of Oracle Databases **10, 11g, oracle RAC**.
- Responsible for creating and managing **Data guard** instances, and involved in database installation, maintenance and administration for disaster recovery.
- Performed all types of Oracle DBA activities including Installation, configuration, importing/exporting, migration, patch installs capacity planning, backup and recovery of mission critical databases and data files using command line syntax as well as Oracle RMAN, and Performance Tuning of databases.
- Performed Oracle database configuration, monitoring, performance tuning, and patch administration with two node **RAC**, ASM and Grid Control environment.
- Working with large database system.
- Involved in installing and managing **Real Application Clusters (RAC)** 10g and 11g.
- Performed **RMAN backups, restores, cloning**, or refreshing databases and applications. Ensured availability of client production systems and internal instances
- Monitoring **OEM 11g** for performance issues and trouble shooting based on errors.
- Daily DBA activities like Tuning of SQL/PLSQL, Performance Tuning, Database auditing and managing usergroups, Database security, OS space monitoring etc.
- Designed and implemented **RMAN** backup policies with automation.
- Monitored and optimized performance of the database, plan for backup and recovery of the database and allocate system storage and plan future storage requirements.
- Analyze statistics **AWR, ASH, ADDM**.
- Performed Import and Export using Oracle Data pump utilities **EXPDP and IMPDP**.
- Central point-of-contact for DBA architecture needs across the organization to ensure databases and systems are adequately built, tested and ready for production.
- Performed necessary **ETL** process in data warehouse environments.
- Tuning Memory Structures of **SGA**, Database design, Disk in/out, Eliminate Database Contention.
- Maintain SQL server 2003 & 2005 in data warehouse environments. Data transfers from SQL server to oracle database environments.
- Maintain **OBIEE 10g** and support necessary backend design.
- Immediately responding to incidents as they arise, providing 24x7 support also worked in various shifts.
- Perform daily operational duties/security for all users of the databases.
- Resolve database performance issues, database capacity issues and other distributed data issues (OLTP).
- Design, document, implement and maintain all disaster recovery procedures which result in no data loss.
- **Performance Tuning** of various aspects of the database using utilities like **AWR, ADDM, tkprof, explain plan, statspack, and tuning of initialization parameters**.
- Provide Oracle DBA 24x7 support for multiple large databases in production, development and test environments for various types of databases – OLTP.

Environment: Oracle 11g/10g, RAC 11g /10g, grid infrastructure, 11g Physical Dataguard, RHEL, UNIX Shell Scripts, RMAN, OEM 11g, OEM 10g, TOAD, PL/SQL Developer, TSQL, performance tuning, windows, Linux, Solaris, Vmware, Oracle BIEE 10g, 11g

Education

Bachelor of computer science and engineering.