Kushan Priyadasun

Database Administrator
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I am a customer-focused Oracle Database Administrator with 7+ years of experience in database management, optimization, strong problem-solving skills with knowledge of oracle database concepts and excellent communication skills. Proficient in installing, configuring, and tuning Oracle and PostgreSQL databases, managing on-prem and cloud environments (OCI), and delivering exceptional operational support. Expert in backup and recovery, troubleshooting, and ensuring high availability while maintaining superior customer satisfaction.

Work Experience

Database Administrator

2024 Oct – Present

Freelancer.

Experienced Freelancing Oracle Database Administrator (DBA) specializing in the management, optimization, and support of mission-critical Oracle databases. Currently managing Oracle environments for clients in the Australian logistics and healthcare sectors, ensuring high availability, performance, and data integrity across systems.

Key Responsibilities:

- **Administer, monitor, and maintain** Oracle databases to ensure optimal performance and reliability.
- Perform regular **backup and recovery operations** using RMAN and Data Pump.

- Implement database **security** measures in compliance with industry.
- Plan and execute database **patching, upgrades, and migrations** with minimal downtime.
- Troubleshoot and **resolve database-related incidents, performance issues, and bottlenecks.**
- Support **capacity planning** based on client requirements.
- Provide detailed **documentation, reporting, and recommendations** for continuous improvement.

Database Administrator

2022 Feb – 2024 Oct

CodeGen International Pvt Ltd.

As a Database Administrator (DBA), I manage, maintain, and optimize Oracle database systems, ensuring smooth operation, security, and performance across both on-premises and Oracle Cloud Infrastructure (OCI) environments, focusing on Oracle 19c and 23c.

Key Responsibilities:

- **Installation and Configuration**: installing Oracle Multi-Tenant databases in **Linux operating systems** and configure **production systems**, config Oracle Data Guard to ensure data protection and disaster recovery, creating listeners, creating **oracle ATP** databases using **OCI** console, refresh data in UAT, demo, staging, QA and Dev environments.

- **Backup and Recovery**: configuring **RMAN** backups, export data by data dumps with **encryption techniques** to ensure the security of sensitive database information and refresh the data in local environments, export and import data from **object storage in OCI**.
- **patching and User Management**: Managing user access to secure databases from threats, applying Oracle security patch upgrades and perform upgrades on database systems with relevant change management procedures to optimize performance and efficiency, protecting systems from vulnerabilities while maintaining system stability and data security.

- **Performance Tuning and Troubleshooting**: Continuously optimizing database performance and resolving issues.

- **Administration:** Applied strong **data administration** skills in optimizing the performance of complex database systems

- **24/7 Support**: Providing around-the-clock support for all service levels using **Jira** Service Desk and Provided comprehensive **production support** to maintain and enhance database integrity, security and availability
- **Database Monitoring**: Using Oracle Enterprise Manager to monitor database performance and create daily health check reports.
- **Documentation**: Maintaining detailed records of database configurations, changes, and processes in a central repository for future reference and compliance.
- **Database management:** Managed and optimized complex database management systems for high-scale project demands and utilized in-depth technical knowledge to design and maintain database systems ensuring optimal functionality
- **Scalability**: Managed scalability in various projects, ensuring optimal performance and efficient use of resources.

Achievements:

- **Oracle Autonomous Database Cloud 2022 Professional (1Z0-931-22)**.
- **Oracle Autonomous Database Cloud 2022 Certified Professional**.
- **Oracle Cloud Infrastructure Foundations 2021 Associate**.

I ensure databases run securely, efficiently, and with minimal downtime, offering active support, detailed documentation, and leveraging expertise across Oracle technologies.

Database Engineer

2018 Nov - 2022 Feb

Onsys Technologies.

I have on-hand experience for the Oracle Database Administrator (DBA) with expertise in Oracle versions 10g, 11g, 12c, and 19c. I specialize in advanced database technologies such as Autonomous Database, RAC, Data Guard, GoldenGate, and SQL tuning. Proficient in backup and recovery using RMAN, I also manage PostgreSQL EnterpriseDB environments. Additionally, I have extensive experience with Oracle Enterprise Manager (OEM) for monitoring, automation, and disaster recovery (DR) setups.

Key Responsibilities:

- **Oracle Database Installation and Configuration**: I am responsible for setting up and configuring Oracle databases across various environments(Linux, Red Hat), ensuring compatibility and performance optimization. I also configure Oracle Enterprise Manager (OEM) to monitor and automate database management tasks.
- **Backup and Recovery**: I implement robust backup and recovery strategies, using RMAN to safeguard against data loss, and ensure business continuity with effective disaster recovery solutions.
- **Client Collaboration**: I work closely with clients to understand their database needs, offer customized solutions, and ensure seamless integration with their systems.
- **Database Security**: Ensured optimal performance and database security through regular system audits and updates. Furthermore Applied expert knowledge of Security Assessment to create secure and efficient data structures for the organization.
- **Migration** : Successfully performed data migrations across multiple Env while maintaining the integrity and security of business-critical information
- **Consulting:** Provided Consulting services to guide the design and modification of database infrastructures, enhancing efficiency and security

Achievements:

- **Oracle Autonomous Database Cloud 2019 Certified Specialist**: This certification highlights my expertise in managing Oracle's cutting-edge autonomous databases, which offer self-driving, self securing, and self-repairing capabilities.
- **Oracle Database 12c Administrator Certified Associate**: I possess a solid foundation in administering Oracle databases, having earned this associate-level certification that focuses on key DBA tasks such as installation, management, and optimization.

Database Engineer

2017-Jan to 2018-Oct

Softline Technologies.

I completed a six-month internship where I gained foundational knowledge in Linux and Oracle database management. During this internship, I developed essential skills that laid the groundwork for my future career as a Database Administrator (DBA).

Key Responsibilities:

- **Monitoring Databases and Oracle ERP Servers**: I was responsible for overseeing the performance and health of databases and Oracle ERP servers, ensuring their availability and reliability for daily operations.
- **Documentation**: I maintained comprehensive documentation of processes, configurations, and changes to facilitate knowledge transfer and compliance with best practices.
- **Service Request (SR) Handling**: I managed service requests effectively, addressing issues promptly and ensuring that all queries were resolved in a timely manner.

Achievements:

- **Oracle PCA Training in Singapore 2018**: I had the opportunity to attend the Oracle PCA training in Singapore, enhancing my understanding of Oracle technologies and best practices.
- **DBA Role at Walton Hi-Tech in Bangladesh (2018)**: Following my internship, I worked as a DBA at Walton Hi-Tech in Bangladesh, providing on-site support for database management and contributing to various projects that improved system performance and reliability.

This experience not only solidified my technical foundation but also allowed me to engage with real- world database challenges and solutions, preparing me for more advanced roles in the IT sector.

Tools and Technologies:

Database Technologies	Oracle RAC, Exadata
	Oracle Database (10g, 11g, 12c, 19c, 23c)
	PostgreSQL EnterpriseDB
Backup and Recovery Tools	Data dumps
	Oracle Recovery Manager (RMAN)
Monitoring Tools	Oracle Enterprise Manager (OEM)
Cloud Services	Oracle Cloud Infrastructure (OCI)
	Azure

Development and Scripting Tools	Powershell
	SQL Developer with PL/SQL skills
Ticketing and reporting tools	Jira service desk
Automation tools	Ansible

Key Achievements

- Achieved a **100% SLA success rate** in managing incidents and providing technical support
- Participate **20+ major Go-Live and 3+ database migrations**, ensuring seamless transitions
- Implemented releases in a microservices architecture for both on-premise and remote systems, achieving **99% system uptime** post-migration.
- **100% client satisfaction**.
- Reduced workload time by 30% from automate the usual works (health-check reports and enabling alerts)

Soft skills

- Analytical skills
- Innovative
- Quick-Lerner
- Good communication skills
- Team work
- Strong problem solving-skills
- Collaboration skills

Education

B.Sc. General Degree in Applied Sciences. University Of Sri Jayewardenepura, 2015 - 2017 Nugegoda, Sri Lanka

Language

- English (fluent)
- Sinhalese (fluent)

Certificates

- Oracle Autonomous Database Cloud Certified Specialist - 2019
- Oracle Database 12c Administrator Certified Associate - 2019
- Oracle Autonomous Database Cloud 2022 Professional (1Z0-931-22) - 2022
- Oracle Autonomous Database Cloud 2022 Certified Professional - 2022
- Oracle Cloud Infrastructure Foundations Associate - 2021
- ICDL (International Computer Driving Lesion) expert in MS Office suit.

References

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