Yash Raj Bista

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SKILLS

- Microsoft Office
- OS (Linux, Windows, Mac)
- RDBMS
- Oracle Database
- Full Stack (React, Java)
- HTML, CSS, JS

CERTIFICATIONS

❖ **Oracle Certified Professional (1ZO-082)**

An Oracle Database Administration 2019 Certified Professional has proven theoretical understanding of and the practical skills required to configure and manage Oracle Databases up to and including Oracle 19c. Passing this exam proves your skills in SQL programming skills, database and network administration.

❖ **Java Package Professional Java Programming Training Course - Java Package (Broadway Infosys)** Feb 2021 – May 2021

The course covered all the fundamentals of learning Java including their implications in developing simple to robust and high end applications.

INTERNSHIPS

❖ **Web Developer at Corizo, Noida, Delhi (Remote)** Feb 2023 – April 2023

Studied Basic and Advanced HTML, CSS, JS, React, Node.js. Worked as a front-end developer in an ecommerce site. Identified web-based user interactions and developed highly responsive user interface components via React concepts.

❖ **Oracle Database Administrator at Octacore Solutions Pvt. Ltd.** Oct 2023 – Feb 2024

Got familiar with Oracle Database Architecture. Learned and applied database management tools and technologies in Linux. Assisted in Oracle Database (19c) setup in Oracle Linux OS, data backup and recovery procedures and also data guard setup in DC, DR servers. Performed database upgradation, migration.

PROFESSIONAL EXPERIENCE

❖ **Oracle** **Database Administrator (Support)** at **World Distribution Nepal**

Feb 2024 - Present

Clients: Nepal Telecom, Nepal Police, Himalayan Bank Ltd, DG_HUB, NITC

Technologies: Oracle 11g/19c, Oracle Linux, Golden Gate

Key Responsibilities & Achievements:

- Installed, configured, and maintained multi-node **Oracle RAC clusters** in **DC/DR** for high availability and scalability.

- Designed and tested **Data Guard architectures**, performed **switchover/failover** operations ensuring RPO/RTO compliance.

- Implemented **Oracle TDE (tablespace & column-level)** and managed **wallet/key backups** for secure data-at-rest encryption.

- Automated **RMAN backup strategies**, health checks, and alerting scripts, reducing manual overhead and improving recovery reliability.

- Diagnosed performance issues using **AWR, ADDM, and SQL tuning**, resolving production slowdowns and optimizing storage/ASM usage.

- Set up and maintained **Golden Gate replication** (uni/bidirectional) for real-time data synchronization and **zero-downtime migration**.

- Verified standby sync, and created detailed runbooks and SOPs for RAC setup, DR, TDE, and backup recovery.

- Ensured audit compliance with **fine-grained auditing**, access control policies, and security hardening practices.

- Collaborated cross-functionally with infra, network, and app teams; provided **24x7 on-call support** for critical services.

Client: Ncell

Technologies: Linux, PCA, OLVM, Rackware RMM

Key Responsibilities & Achievements:

- Played a key role in Ncell's infrastructure modernization, supporting the migration of 1000+ VMs from VMware to Oracle PCA (Private Cloud Appliance) and OLVM.

- Performed end-to-end Oracle database migration using **Rackware RMM**, ensuring zero data loss and minimal downtime across business-critical telecom systems.

- Validated migrated databases and coordinated cutover with application, storage, and system teams under tight SLAs and change control policies.

- Supported Oracle RAC and single-instance databases running on migrated VMs, performing pre-/post-migration health checks and performance tuning.

- Ensured successful handover by documenting migration SOPs, rollback plans, and verification steps for production acceptance.

- Collaborated with infrastructure architects to align database configurations with Oracle PCA best practices for high availability and performance.

- Provided on-call production support during the migration window and contributed to lessons-learned reviews post-migration.

EDUCATION

- ❖ Dr.Vishwanath Karad MIT WORLD PEACE UNIVERSITY, Pune
  - B.Tech - Computer Science and Engineering   2018 - 2023

- ❖ United Academy, Kathmandu +2
  - Science   2015 - 2017

LANGUAGES

- Nepali
- English
- Hindi
- Marathi