ORGIL ODONKHUU

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SENIOR ORACLE DATABASE ADMINISTRATOR

Certified Senior Oracle Database Administrator with 15 years of experience architecting and optimising mission-critical Oracle ecosystems for banks, government, and enterprise clients. Expert knowledge in high-availability deployments (Oracle RAC, Active Data Guard, GoldenGate, Exadata), performance tuning via OEM/AWR/ASH, and zero-downtime migrations/upgrades across on-premises, OCI, AWS and hybrid clouds. Proficient in scaling high-volume systems, slashing end-of-day core banking transaction processing by 6-8x, and ensuring compliance (PCI DSS). Skilled at leading DBA teams, mentoring on advanced troubleshooting, and delivering resilient infrastructures that minimize RTO/RPO for 24/7 operations.

• RDBMS • Big Data • Batch & Streaming • Data integration • Cloud computing • Data Security • ETL/ELT • Data Catalog • SQL • Distributed System • Warehouse/Datalake/Lakehouse

Languages: SQL, Java, C
Databases: Oracle
SDLC: Agile, Scurm, Waterfall
Tools: Oracle RAC, DataGuard, Exadata, Database Appliance, Talend, Kafka, kafka connect (Debezium), Oracle Golden Gate, OEM, SQLDeveloper, TOAD, Singlestore
Platforms: Linux, AWS, OCI, GCP
Big Data: Cloudera (Data platform), Kudu, Yarn, Zookeeper, Kafka, Spark, HDFS, Starburst

*CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).*

PROFESSIONAL EXPERIENCE

ITZONE LLC, Ulaanbaatar, Mongolia • 03/2013 – 12/2024
Leading IT systems integrator and software solutions provider

Senior Oracle Database Administrator (Data Architect)
- Worked on end-to-end data architecture, Oracle RAC performance optimization, Big Data integration, ETL/ELT pipelines, and implementation of nationwide data warehouse and analytics solutions.
- Architected and managed Oracle RAC clusters across on-prem and hybrid OCI with 99.999% availability and sub-second failover for 80TB+ banking and government systems.
- Led zero-downtime migrations from Oracle 11g/12c to 19c/21c multitenant using GoldenGate and TTS, moving 50+ production instances with zero data loss.
- Built secure OCI environments with TDE and SSL/TLS to meet Japanese regulatory standards (e.g., J-SOX) for global ERP deployments.
- Optimized SQL/PLSQL in Exadata X8/X9 using AWR/ASH and OEM, cutting query times by 50% and supporting 15,000+ concurrent sessions.
- Implemented Active Data Guard for real-time replication and offloaded reporting, reducing RPO from 60 minutes to under 5 while maintaining PCI DSS compliance.
- Directed RMAN backup and recovery with incremental-forever and block-level restores, enabling rapid DR for TB-scale Exadata systems.
- Deployed GoldenGate for heterogeneous sync to SingleStore/MySQL with sub-second lag, enabling hybrid cloud integration and real-time analytics.
- Provisioned and tuned Oracle Database Appliance (ODA), consolidating 31 MSSQL instances into scalable Oracle setups with Active Data Guard, improving reporting efficiency by 40% for social insurance systems.
- Optimized Exadata performance with advanced diagnostics and partitioning, removing EOD bottlenecks and accelerating core banking batch cycles by 6–8x.
- Led and mentored a cross-functional DBA team of 10+, standardizing RAC troubleshooting, patching, and upgrades to reduce MTTR by 40%.
- Migrated large data warehouses from Oracle to SingleStore using Kafka and GoldenGate, replacing multi-day batches with near–real-time Tableau dashboards for customs analytics.

- Built PL/SQL and shell automation for proactive OEM monitoring, preventing 90% of potential RAC incidents and minimizing unplanned downtime.
- Orchestrated Exadata X9M-2 deployments for core financial migrations, leveraging Smart Scan and In-Memory features to boost query throughput by 40% with zero downtime for 2.5M+ citizen services.
- Defined DR blueprints integrating RMAN, Data Guard, and GoldenGate, running quarterly drills that validated <15-minute RTOs for high-availability government systems.

ITZONE LLC, Ulaanbaatar, Mongolia • 6/2010 – 02/2013
Leading IT systems integrator and software solutions provider
Full Stack Software Engineer
- Built high-performance desktop and web apps in Java and C#, integrating Oracle databases and optimizing JDBC and queries to cut response times by 30%.
- Customized Microsoft CRM UI and backend entities, workflows, and integrations to automate business processes and improve user efficiency for Mongolian clients.
- Developed the Sky Resort Smart Gate System in Java/C#, automating RFID-based tracking for rentals and gate control, reducing check-in time by 50% and enabling real-time billing sync.
- Created the Compass Mate GPS tracking system with Java and C#, enabling real-time fleet monitoring and reports, driving 25% potential savings through optimized resource usage.
- Supported Oracle database administration—schema changes, performance tuning, and RMAN recovery—while delivering scalable software for client projects.

Technologies Used: *Cloudera (CDP), Oracle database, Oracle Golden Gate, Exadata, Oracle Database Appliance, Talend big data integration, Singlestore, Kafka, Kafka connect, OCI, AWS.*

ACADEMIC PROJECTS

Maharishi International University (2025)
iBook: Developed a cloud-based Appointment Scheduling application enabling providers to dynamically publish availability, with AI-powered chat assisting customers in booking appointments. Utilized Java, AWS, MongoDB, OpenAI.

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion 12/2027)
Maharishi International University, Fairfield, Iowa

Key Courses: Software Architecture, Enterprise Architecture, Software engineering, Algorithms

Bachelor of Science in Computer Science
University of Pune, Pune, India (07/2010)

CERTIFICATIONS

- [Oracle Cloud Infrastructure 2025 Certified Architect Associate](#) (09/2025)
- [Oracle Certified Expert, Oracle Database 12c: Performance Management and Tuning](#) (07/2019)
- [Oracle Database 12c Maximum Availability Certified Expert](#) (03/2019)
- [Oracle Certified Expert, Oracle Database 12c: Data Guard Administrator](#) (03/2019)
- [Oracle Exadata Database Machine and Cloud Service 2017 Certified Implementation Specialist](#) (09/2018)
- [Oracle Certified Expert, Oracle Database 12c: RAC and Grid Infrastructure Administrator](#) (08/2018)
- [Oracle Database 12c Administrator Certified Professional](#) (08/2018)