

# COLINS CHI TANGIE

(Oracle Certified Associate: 12C Database Administration)  
(Oracle Cloud Infrastructure Autonomous Database)  
(Oracle Cloud Infrastructure Professional, OCIP)  
(Microsoft SQL Server Database Administration)  
(AWS Certified Solutions Architect)

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## PROFESSIONAL SUMMARY

An accomplished Database Administrator (mainly Oracle), Cloud Infrastructure professional (AWS Solutions Architect Associate and Oracle Cloud Infrastructure Professional), System Administrator, IT Support Specialist (Certified by Google), Network Administrator and Security expert with over 8 years of experience with extensive knowledge and proficiency in database design, monitoring & tuning, Migration, Upgrades, Backup & Recovery, Cloning, Replication, and Security Implementations. Proficient in an assortment of technologies including Oracle 10g, 11g and 12c, 18c, 19c, MySQL, MS SQL Server and PostgreSQL. Possesses exceptional written, verbal, analytical and organizational abilities. Proven leader with motivational management style, a solid reputation for building and retaining highly motivated teams and development of innovative solutions. An energetic achiever who can successfully manage multiple priorities and perform tremendously under pressure. Great communication skills and can speak both English and French.

## TECHNICAL SKILLS AND TOOLS

- Oracle Data guard
- Oracle Golden Gate
- Backup & Recovery using RMAN
- Performance Monitoring & Tuning
- Bash/Unix Shell scripting & Automation
- LINUX (Red Hat, Ubuntu, Centos)
- Database migration using Exp/Imp
- OEM Console, Toad, SQL Developer, Grid Control
- Installation, configuration, patching & update of Oracle 11g, 12c, 18c and 19c
- Oracle ASM (clusters) and RAC
- Oracle Data Guard installation
- Installation, configuration, capacity planning
- Hardware and software maintenance
- Oracle Exadata administration; X5, X8
- MSSQL Server Databases administration; backup and recovery, storage management, monitoring and upgrade).
- Installation, upgrade, patching and administration of PostgreSQL
- Oracle ASM & Grid control
- Database Security & Patching
- SQL, PL/SQL, UNIX Shell Scripting
- Database security
- MS Windows Servers
- UNIX (Solaris 8/9/10),
- Datapump, and SQL Loader
- AWR, ADRCI, ADDM, DRA
- 12c OUI, DBCA, DBUA, MetaLink
- MS SQL Server Management Studio, SSIS, SSAS, SSRS, SS Profiler.
- High availability and Disaster Recovery
- Oracle Golden Gate (Data Replication and integration)
- IAM administration
- Software testing
- Microsoft Office (Word, Excel, Powerpoint Access).
- Database design, modelling, normalization, dataflow diagrams.

## EDUCATION AND CERTIFICATIONS

- M.Sc. in Cloud Computing Architecture, May 2020-Present  
University of Maryland Global College (UMGC)
- Oracle Certified Associate: 12c Administration, 2019  
Oracle University
- Bachelor of Science, 2010  
University of Buea

### Certifications

- Oracle Certified Associate (OCA): SQL Fundamentals
- Oracle Certified Associate (OCA): 12C Database administration
- OCI Oracle Autonomous Database Administrator.
- Oracle Cloud Infrastructure (OCI) Professional
- AWS Certified Solutions Architect

## PROFESSIONAL EXPERIENCE

### Transamerica, MD

#### Senior Oracle/Microsoft SQL Server Database Administrator

01 / 2016 – Present

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- Installed and configured software for Oracle 10g, 11g, 12c on both Windows and UNIX platforms using Oracle OFA. Also Installed, Administered and Maintained SQL Server Instances 2008 and 2012
  - Developed the migration strategy of databases from on-premise datacenter to the Oracle Cloud Infrastructure (OCI) platform.
  - Conducted database projects including database upgrades from 11g to 12c, database patching, developed configurations for high availability and disaster recovery, performance tuning.
  - Assessed current state of infrastructure and provided recommendations for future improvements
  - Deployed resources on the OCI platform including compute instances for web servers, databases, middleware, storage resources, Virtual Private Network.
  - Developed the IAM policy for our OCI environment, managed resource or service limits and compartments limits.
  - Led the migration of databases from 10g to 11g and database upgrade from 11g to 12c using the Oracle Datapump and DBUA respectively.
  - Rewrote and implemented a backup strategy following company SLA; execution of backup schedule for both physical and logical backups using RMAN and DATAPUMP utilities respectively. I also used block change tracking (BCT) which reduced backup time from 8hrs down to 45mins.
  - Supported daily administration, monitoring, tuning, and troubleshooting on single instance on UNIX/Linux, Windows server 2008 and 2012 (Database sizes range 100GB to 21TB)
  - Monitored AWR, ADDM, ASH, Alert log, dynamic performance views, DBMS\_STATS, Trace Files, System Event Logs for unusual events and took appropriate action according to company policies of incident reports.

- Performed disk partitioning to improve performance, mirroring, stripping, clustering.
- Capacity planning to meet the demands of the dynamic aspects of storage and memory for the databases
- Deployed Database security policy and installation, using passwords, privileges and user profiles, Used Oracle Transparent Data Encryption to encrypt columns, tables and Tablespaces, I also implemented the “triple A” (AAA) and database auditing policies as well as data redaction
- Cloned databases using RMAN and DATAPUMP utilities for all database sizes
- Installed and administered Oracle Physical Standby Database for single and multiple instances to achieve high availability and DR solution (DATA GUARD)
- Performed database Refreshes from production environments
- Performed PL/SQL errors fixes and modified the applications using PL/SQL
- Wrote simple PL/SQL and powershell scripts for database tasks automation
- Maintaining highly reliable 24x7x365 Linux production servers for AWS EC2 instances.
- Part of the on-call production support team for 24/7 on-call production support.
- Deployed and implemented Oracle Grid Control, 10g and 11g, to monitor all databases.
- Wrote scripts for different database tasks.
- Managed Oracle RAC for high availability
- Configured and managed Data Guard for disaster recovery, data protection and high availability. Performed Data Guard failover as required for maintenance. This is done by coordinating with application owners and sys admins to when the failover can be performed.
- Performed data and metadata migration to newly installed servers using Data Pump Expdp/Impdp.
- Cloned production databases for testing, development using RMAN.
- Used OEM (12c) for monitoring Oracle instances and maintaining database performance.
- Designed and administered data warehousing and Business Intelligence platforms
- Software Installation, patching and upgrade of MSSQL database server and databases.
- Developed a backup strategy for our MSSQL Server databases and administered these databases using tools like SS management studio, SS DCA.
- Working knowledge of Microsoft SSIS, SSAS, ETL, SSRS
- Installation and configuration of PostgreSQL
- Installation, configuration and administration of oracle Exadata appliances. Migration of databases to Exadata appliance X5 and X8.
- Installed, configured, patched Oracle database 18c and 19c software. Created databases and migrated data on 18c and 19c.
- Installed, configured, and monitored Oracle golden gate in my environment.

## **Bio Scientific, Austin Texas**

### **Oracle Database Administrator**

**11/ 2014 – 11/2015**

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- Created databases from Entity Relational Diagrams (ERD) in Forward Engineering using the Oracle SQL Developer to OFA Institution and finally to DB launch.
  - System Development Life Cycle (SDLC) methodology for designing, analysis, development and implementation.

- Designed and implemented the ETL utilizing PL/SQL and Talend Administration Suite.
- Used range, hash and composite table partitioning which greatly decreased the DB time and SQL Execution time. Also performed instance tuning by changing init.ora parameters and managed region parameters such as shared\_pool\_size and db\_cache\_size with the use of AMM and ASMM.
- Managed database security by creating, assigning appropriate roles and privileges to users depending on the user activity, auditing, and performing other security related tasks including Transparent Data Encryption.
- Used range, hash and composite table partitioning which greatly decreased the DB time and SQL Execution
- time. Also performed instance tuning by changing init.ora parameters and managed region parameters such as shared\_pool\_size and db\_cache\_size with the use of AMM and ASMM.
- Installed and configured the Oracle Golden Gate software on Unix/Linux platform for both Unidirectional and Bidirectional replication
- Expert in working with PL/SQL including Procedures, Functions, Cursors and Triggers.
- Applied Oracle's quarterly Critical Patch Update (CPU/ PSU application) using Opatch utility to install, test, and deploy patches to all database instances
- Administration of Oracle single instance and RAC clustered database environments including 11g and 12c
- Managed Oracle database systems including software installations, configurations, management, version upgrades and patches.
- Responsible for database backups, designs, development, testing, performance tuning and database and system security through unique database roles and object permissions, resized database files to decrease cloning, backup and restoring time.

## **PharmaFluidics, Ghent**

### **Junior Oracle Database Administrator**

**11/ 2010 – 11/2014**

- Performed database logical backups using Data pump.
- Oracle installations, upgrades, instance configuration, maintenance and troubleshooting.
- Partitioning tables by determining the suitable methodology to improve performance and manageability.
- Performance tuning and Monitoring using Grid Control database and managing instances using OEM
- Worked with developers on constructing effective PL/SQL programs and packages
- Cloned, patched and implemented upgrades and migrations
- Performed Point-in-time recovery as well as cancel based recovery
- Created and administered privileges, roles and profiles
- Managed database auditing
- Implemented Oracle Database advanced security practices such as Virtual Database Privacy, TDE and Data Masking
- SQL tuning and database performance tuning using explain plan and SQL tuning advisor.
- Used statistics generated by AWR, ASH, ADDM reports to monitor and tune the database.

- Planned and scheduled backups and restore strategy, performed logical as well as physical backups.
- Established automation of repetitive processes to minimize errors using scripts and OEM.

Honors

## **Reference**

-Available on request