

# FRANCIS C. LANSIQUOT

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## *Database Administrator*

### QUALIFICATIONS SUMMARY

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A highly creative, goal-oriented professional Database Administrator with 10+ years of extensive knowledge and proficiency in Oracle 9i, 10g and 11g database administration with a focus in database security and user management, backup and recovery, disaster recovery, management, database performance tuning in heterogeneous system environments, and Exadata experience. Demonstrated experience in program design, project management, budgeting, implementation, staff training and support. Ability to manage multiple projects, meet deadlines and work effectively with administration and staff in accomplishing objectives. Possesses a strong work ethic combined with a commitment to excellence in all projects undertaken.

### TECHNICAL SKILLS

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**RDBMS:** Oracle 10g and 11g, Microsoft SQL Server 2014, Red Hat Linux, and Solaris

**Programming Languages:** SQL, PL/SQL, UNIX Shell Scripting, Windows Power Shell, Ksh, Bash and Perl Scripting

**Software/Application Tools:** DBCA, DBUA, Recovery Manager (RMAN), Oracle Enterprise Manager (OEM), OEM Grid Control, Exadata, Oracle Data Guard, Oracle Management Service (OMS), Agents, Real Application Clusters (RAC), ASM, Sql Developer, TOAD, Oracle Golden Gate, Exp/Imp, DataPump (expdp/impdp), SRVCTL, SQL\*Plus, Recovery catalog, Autosys, Crontab, HP Manager, My Services, Oracle Transparent Gateway (OTG)

**Tuning Tools:** SQL TRACE, TKPROF, EXPLAIN PLAN, STATSPACK, AWR, ADDM

### CERTIFICATIONS

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**Oracle Database OCA  
Security +**

### PROFESSIONAL PROFILE

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D.C. GOVERNMENT - Washington, DC

July 2014 - Present

#### **Oracle Database Administrator**

- Installed and configured Oracle 11g & 12c databases on a variety of operating systems including UNIX/LINUX Windows OS, and Solaris environment.
- Upgraded from Oracle 10g to 11g, and from 11g to 12c.
- Utilized Oracle ASM, Grid Infrastructure and Exadata.
- Involved in patching Exadata Components like Cell Servers, DB Servers, InfiniBand, Grid and RDBMS homes.
- Participated in analysis and designing of Oracle Exadata Server for infrastructure and related projects.
- Supported: Security, User Management, Privileges, Roles, Profiling, auditing, Authentication, authorization, encryption, and enterprise security.
- Managed and implemented Pluggable and Container Databases
- Troubleshoot and enhance Database Performance issues using OEM, AWR, ADDM and ASH.
- Identified root cause of Oracle errors and provided solutions to resolve errors. Implemented proactive monitoring using Tuning Pack, Diagnostics Pack, and AWR, ADDM, STATSPACK, SQL Trace & TKPROF, EXPLAIN PLAN.
- Performance tuning on Real Application Clusters (RAC)
- Develop/review SOP's and other documentation for use within the environment.
- Support project teams in all phases of Software Development Life Cycle (SDLC) principles and the development of documentation for new procedures and processes for technical projects.
- Database tables Design /Maintenance using ORACLE partition technologies.
- Monitored bugs from alert log, audit logs and trace files.
- Used DDL statements to CREATE and ALTER within a dynamic SQL script to create schemas, Synonyms and Roles. Extensive use of SELECT statements for reporting.

- Defined and implemented database backup and security strategies, tested the backups periodically for consistency and reliability.
- Evoked RMAN for database refresh with the hot backup, incremental backup and validate to ensure backup is secured and reusable for recovery.
- Monitored quota on tablespace in line with resource planning guide.
- Identified long-running database queries, refining queries for better performance, and working with end- users to implement changes.
- Troubleshoot application related problems with developers and system administrators

ST LUCIE COUNTY - *Ft. Pierce, FL*

*July 2011 - June 2014*

#### **Oracle Database Administrator**

- Performed day to day DBA activities on Oracle 9i, 10g, 11g database on a variety of operating systems including UNIX/LINUX Windows OS, and Solaris environment.
- Administered and supported development of Oracle 11g databases by installing, upgrading and configuring the Oracle server, creating databases, objects, database backup and recovery, monitoring and optimizing database performance.
- Migrate Database from Oracle 11g, MySQL to SQL Server 2012/2014
- Export & Import data from My-SQL and Access databases to SQL Server and Vice Versa
- Used import/export utilities for cloning/migration of small sized databases and Data pump import/export to move data between 9i and 10g/11g environments.Database Design and Data Modelling
- Troubleshoot and enhance Database Performance issues using OEM, AWR, ADDM and ASH.
- Performance tuning on Real Application Clusters (RAC)
- Cloned production databases as needed for testing, development using RMAN and Grid Control.
- Implemented backup procedures using RMAN and Data pump utility for Oracle databases and test regularly in conjunction with Operations.
- Perform system and application changes based on SOP's
- Develop/review SOP's and other documentation for use within the environment
- Assisted in SQL tuning and providing consultation such as creating materialized views, table partitions, adding indexes, dropping unnecessary indexes, using hints wherever possible.
- Knowledgeable of Software Development Life Cycle (SDLC) principles and the development of documentation for new procedures and processes for technical projects.
- Involved with a team that evaluated current policies to improve SOX compliance implementation.
- Supported real-time data movement through Oracle Golden Gate
- Database Capacity Management (worked with Storage teams for ASM Disks) using automated scripts/processes and Reports.
- Performed batch jobs using crontab utility.
- Managed database security by creating and assigning appropriate roles and privileges to users depending on the user activity and auditing and performing other security related tasks including Transparent Data Encryption.
- Planned, implemented and maintained Oracle Data Guard/standby databases, for production database fail-over to remote disaster recovery sites.

SCHOOL DISTRICT OF PALM BEACH COUNTY – *Palm Beach FL*

*February 2008 - June 2011*

#### **Oracle Database Administrator**

- Performed day to day DBA activities on Oracle 9i, 10g, 11g database.
- Assisted with gathering data and statistics used for capacity planning metrics and CBO evaluations.
- Created database objects such as tables, views, synonyms, sequences, and triggers.
- Performed migration from 9i to 10g from AIX to Linux.
- Coordinate with UNIX administrators for space management on various servers.
- Installed Oracle 9i and 10g, 11g database on Red Hat Linux.
- Installation of ASM into various storage parameters like SAN and NAS.
- Installation, configuration and Maintenance of Oracle RDBMS Software.
- Upgrading databases to Oracle 11g from Oracle 10g.
- Troubleshoot and enhance Database Performance issues using OEM, AWR, ADDM and ASH.
- Identified root cause of Oracle errors and provided solutions to resolve errors. Implemented proactive monitoring using Tuning Pack, Diagnostics Pack, and AWR, ADDM, STATSPACK, SQL Trace & TKPROF, EXPLAIN PLAN.

- Implemented database security measures based on vulnerability reports generated by security team. Measures included password policy, patching, parameter modification, and system privileges restriction for users and or schemas.
- Managed and created users, assigned user profiles, privileges and roles, including password changes and other security related tasks.
- Controlled and monitored user access to the database. Optimized the performance of the database.

SCHOOL DISTRICT OF PALM BEACH COUNTY - *Palm Beach FL*

*October 2003 - January 2008*

**Lead Technology Resource Teacher/Network**

- Maintaining the local area network and providing technology assistance to teachers and students.
- Coordinated school-wide technology integration projects and facilitated district technological initiatives.
- Designed spreadsheets/databases to expedite and automate data analysis and facilitate data driven decision making and instruction.
- Coordinated user access to district Mainframe system
- Researched, acquired and implemented hardware and software to increase student achievement.
- Provided ongoing technology integration staff development activities. Provided instructional technology support.
- Coordinated technology integration at project schools.
- Designed, promoted and implemented a community technology training program.
- Researched, acquired and implemented hardware and software to increase student achievement.
- Conducted technology training on the local, state, and national level.
- Coordinated grant projects by managing budgets of up to \$750,000 and authored three successful grant applications for \$580,000, \$600,000 and \$750,000 for subsequent program years.

## **EDUCATION**

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AMERICAN COLLEGE OF EDUCATION, Masters Degree, Leadership  
 FLORIDA MEMORIAL UNIVERSITY, Bachelor's of Science, Management