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# Michael Samuta

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## SUMMARY OF QUALIFICATIONS

Database Administrator (DBA) with 20 years' experience in the administration and implementation of Relational Database Management Systems (RDBMS).  Expertise includes installing / configuring Oracle and SQL Server systems.  Administering database backups, refreshes, high availability & disaster recovery. Managing database security / logins, scheduled jobs / alerts. Index tuning, query tuning, and stored procedure tuning.  Expertise in SQL, PL/SQL, T-SQL (Transact SQL), query statements, stored procedures, triggers and views.  Expertise includes performance tuning & optimizing, server sizing and capacity planning.  Administer Production / Disaster Recovery / Staging / Development server environments.  Scope of experience covers full life cycle of database systems from new implementation, database archiving & decommission.

## TECHNICAL SKILLS

**Database Systems**
Oracle 19c / 12c / 11g / 10g / 9i / 8i
Microsoft SQL Server 2016, 2014, 2012 / 2008R2 / 2005 / 2000 / 7.0 / 6.5
**Clusterware for High Availability & Log Shipping for Disaster Recovery**
Oracle Grid Infrastructure 19c / 12c / 11g / 10g / 9i  (RAC Clusterware and ASM)
Microsoft Failover Clustering & Always On Availability Groups on Windows Server 2016, 2014, 2012 / 2008R2
Oracle Data Guard 19c / 12c / 11g / 10g and Microsoft SQL Server Log Shipping 2012 / 2008R2
**DBA Utilities & Tools**
Oracle 19c / 12c OEM, Oracle 11g Grid Control, Oracle FPP (Fleet Patching and Provisioning), Oracle SQL Developer, RMAN 19c / 12c / 11g / 10g / 9i, SQL*Plus, PL/SQL, Putty, Aqua Data Studio, Toad, SQL Server Mgt Studio, Microsoft SQL Server Enterprise Manager, MS Visual Studio, SQL Query Analyzer, T-SQL, SQL, VNC
**Productivity Software & ETL Tools**
EMC VMWare, Oracle VM Virtual Box, MS Word, Excel, MS Access, Spotlight, Solarwinds, 7-zip, WinSCP, SCP, FTP, Oracle Streams, Oracle GoldenGate 19c / 12c and 11g, SSIS, SSDT, SQL Server Replication
**Operating Systems & Cloud**
Oracle Linux 7.5 / 6.1 / 5.9, Red Hat Linux 7.8, AIX, Solaris, Unix 5.10 / 5.9 / 5.8, Windows 2012 / 2008, Windows 11 / 10, Oracle OCI Autonomous DB, Exadata Cloud at Customer, Oracle Exadata servers, Oracle VM servers

## PROFESSIONAL EXPERIENCE

**Syniverse, Tampa, FL**                                                                                                                                   **2017 – Current**
Syniverse provides systems and solutions which address the needs of mobility customers such as Verizon, T-Mobile, Sprint, AT&T and many others worldwide

*Oracle Database Administrator (DBA)*
DBA for Oracle 19c / 12c and 11g Relational Database Management Systems (RDBMS)
Install, setup, configure, administer, support the following:
- Migrate Oracle Physical On-Prem databases to Oracle OCI Cloud Autonomous database
- Migrate Oracle Physical On-Prem databases to Oracle Cloud at Customer EXACC
- Administer Oracle Exadata servers and Administer Oracle VM servers
- Create, deploy, administer EXACC instance Oracle Cloud at Customer
- Oracle RAC Clusterware & Oracle ASM 19c / 12c / 11g (Oracle Grid Infrastructure)
- Oracle RAC Database 19c / 12c / 11g (Non-CDB and Multitenant CDB/PDB)
- Oracle Data Guard 19c / 12c / 11g for Physical Standby & Snapshot Standby
- Oracle 19c / 12c / 11g running on Red Hat Linux, Oracle Linux, Solaris or AIX platforms
- Oracle 19c / 12c / 11g RMAN Backups (Differential level 0 & level 1 / Full) and Restore/Recovery
- Oracle database cloning using either Rman backups or Duplicate from Active database
- Oracle 19c / 12c / 11g Flashback Database, Flashback Table, Flashback Versions Query Recoveries
- Oracle database refreshes using either data pump export / import solution or Rman backup / restore solution
- Oracle typical configuration is 4 Linux/Unix servers hosting Oracle RAC configured in pairs of 2 node clusters
- Namely 2-nodes are Primary database and 2-nodes are Physical Standby utilizing Oracle Data Guard
- Oracle Grid Infrastructure and Database Patching & Upgrades & Migrations
- excellent communication skills both written and verbal along w/ strong interpersonal skills.

**Broward County Sheriff, Ft Lauderdale, FL** 2010 – 2017
W-2 Contractor assigned to Information Technology Division of the Broward County Sheriff Office

*Database Administrator (DBA)*
Responsibilities include the administration of Oracle 12c / 11g & SQL Server 2014 / 2012 / 2008 / 2005 Relational
Database Management Systems (RDBMS). These systems addressed the needs of law enforcement depts.
Selected accomplishments as Oracle / SQL Server DBA include:
- Administered Oracle 12c / 11g / 10g / 9i on Linux, Unix and Windows platforms
- Administered SQL Server 2016, 2014, 2012 / 2008R2 / 2005 / 2000 databases on Windows platforms
- Oracle database refreshes using either data pump export / import solution or Rman backup / restore solution
- Microsoft SQL Server database refreshes of development environments from production backups
- Migrated 250 databases on SQL Server 2000 to SQL Server 2012 / 2008 versions
- Participated in migration of Oracle & SQL Server databases to Peak 10 Florida Hurricane Protection site
- Assist the support / development teams to deploy enhancements / fixes / new systems
- Daily monitoring / resolution SQL Server Database and Oracle Database server issues
- Utilized Oracle Flashback Database, Flashback Table, Flashback Versions Query Recoveries
- Administered RMAN (Recovery Manager) production system backups for Oracle databases
- Configured & Administered Data Guard on production systems for Oracle databases
- Configured & Administered Log Shipping on production systems for Microsoft SQL Server databases

**BP British Petroleum, Chicago (Warrenville), IL** 2006 – 2010
One of the World's Largest Energy Companies w/operations in UK, North & South America and Asia

*Database Administrator (DBA)*
Responsibilities include the installation and administration of Oracle 10g / 9i & SQL Server 2005 / 2000 Relational
Database Management Systems (RDBMS). These systems addressed the needs of various business groups.
Selected accomplishments as Oracle / SQL Server DBA include:

- Installed, configured and administered Oracle 10g & 9i on Unix and Windows platforms
- Installed, configured and administered SQL Server 2005 / 2000 on Windows 2003/2000 platforms
- Migrated Oracle databases from Windows to Unix Platforms
- Applied Oracle security upgrades & patches for Oracle 10g & 9i databases
- Applied Microsoft security upgrades & patches for SQL Server 2005 / 2000
- Administered Log Shipping for Oracle and SQL Server Disaster Recovery database sites
- Administered production servers in Veritas Clusters for Oracle and Clustered SQL Server environments
- Designed and implemented database backup, restoration and recovery strategies and plans
- Administered RMAN, hot and cold database backups and restore/recoveries on Oracle database systems
- Administered full database backups & transaction log backups on SQL Server systems
- Administered user/schema security permissions and logins for Oracle and SQL Server databases
- Administered production databases on Oracle RAC 10g Clusters & Windows Failover Clusters
- Worked with app support and dev teams to deploy OAT (Operational Accept Testing) for enhancements or new
  database systems in staging environment. Upon successful OAT then deployed in production.

**SCHAWK INC, Des Plaines, IL** 2005 – 2006
A Leading Brand Imaging Solutions Provider

*Database Administrator (DBA)*
Responsibilities include the installation and administration of Oracle 10g / 9i & SQL Server 2000 Relational
Database Management Systems (RDBMS). These systems addressed the needs of various business groups.
Selected accomplishments as Oracle / SQL Server DBA include:

- Installed, configured and administered Oracle 10g & 9i on Unix and Windows platforms
- Installed, configured and administered SQL Server 2000 on Windows 2003/2000 platforms
- Applied Oracle security upgrades & patches for Oracle 10g & 9i databases
- Applied Microsoft security upgrades & patches for SQL Server 2000

- Administered production / testing / development database environments
- Designed and implemented database backup, restoration and recovery strategies and plans
- Administered cold, hot and RMAN database backups and restores on Oracle database systems
- Administered full / differential database backups & transaction log backups on SQL Server systems
- Administered point-in-time recoveries, complete database restores and master database restores
- Administered database logins and security for Oracle and SQL Server systems
- Monitored and managed daily database performance, usage, locks and job processes
- Managed performance tuning which includes SQL query statement optimizing, index tuning, and stored procedure tuning to improve response times, server throughput and overall efficiency
- Conducted sizing studies to determine hardware specs to efficiently handle workloads on database servers
- Conducted capacity planning studies / analysis by measuring performance and consumption of hardware resources (cpu utilization, disk usage and memory usage) and associated software utilization on database servers

**AMERICAN VETERINARY MEDICAL ASSOCIATION, Schaumburg, IL**          **2002 – 2005**
An Organization for Veterinarians and the Betterment of Animal Life

*Database Administrator (DBA)*
Responsibilities include the installation and administration of MS SQL Server 2000 / 7.0 Relational Database Management Systems (RDBMS). These systems addressed the needs of finance, membership and publications business groups. Selected accomplishments as SQL Server DBA include:

- Installed, configured and administered SQL Server 2000 & 7.0 on Windows 2000 platforms
- Applied Microsoft security upgrades & patches for SQL Server 2000 & 7.0
- Administered production / testing / development database environments
- Designed and implemented database backup, restoration and recovery strategies and plans
- Administered full / differential database backups & transaction log backups
- Administered point-in-time recoveries, complete database restores and master database restores
- Administered database logins and security on roles, groups, DDL, DML and object / column level permissions
- Monitored and managed daily database performance, usage, locks and job processes
- Managed performance tuning which includes SQL query statement optimizing, index tuning, and stored procedure tuning to improve response times, server throughput and overall efficiency
- Managed clustered / non-clustered index rebuilds and full-text search index rebuilds
- Administered and implemented SQL Replication Servers utilizing transactional / merge replication systems
- Conducted sizing studies to determine hardware specs to efficiently handle workloads on database servers
- Conducted capacity planning studies / analysis by measuring performance and consumption of hardware resources (cpu utilization, disk usage and memory usage) and associated software utilization on database servers

**FRANKEL INC, Chicago, IL**          **1998 – 2002**
A Leading Promotional Marketing Agency

*Database Administrator (DBA)*
Responsibilities include the installation and administration of MS SQL Server 2000 & 7.0 Relational Database Management Systems (RDBMS) and MS Access database systems.  These systems addressed the needs of 2 business groups:
    A) Media Asset Management division to manage the cataloging, storage and retrieval of Electronic Media Art assets on SQL Server database systems
    B) Asterisk* Sweeps & Games division to manage entrant data on SQL Server and Access database systems
    Selected accomplishments included:

- Administered full / differential database & transaction log backups on SQL Server databases
- Administered database restores, transaction log restores and point-in-time recoveries on SQL Server databases
- Administered database logins and security for users, groups and roles

- Managed performance tuning through SQL query statement optimizing, index tuning, and stored procedure tuning to improve response times, server throughput and overall efficiency
- Managed clustered / non-clustered index rebuilds
- Installed, configured and administered SQL Server 2000 & 7.0 on Windows NT 4.0 platforms
- Applied Microsoft security upgrades & patches for SQL Server 2000 & 7.0
- Administered production / testing / development database environments
- Administered full backups & restores, using 3rd party software, on MS Access databases
- Enforced data integrity through managing primary / foreign key constraints, checks, defaults and rules
- Administered DTS job processes on SQL Server and ETL job processes on MS Access databases to provide a unified information base for Enterprise Intelligence
- Administered encryption of data through use of integrated and/or 3rd party encryption tools
- Provided capacity planning studies and system upgrade recommendations to enhance IT database systems

## EDUCATION

- **TEKsystems Skillsoft Training**                                                         **2015**
  Oracle 12c RAC Database & 12c Grid Infrastructure Clusterware new installations.
  Upgrading / Migration from 11g to 12c Oracle Database and Oracle Clusterware

- **TEKsystems Skillsoft Training**                                                         **2013**
  Oracle 11g Database & 11g RAC Grid Infrastructure Clusterware new installations.
  Upgrading / Migration from 10g to 11g Oracle Database and Oracle Clusterware

- **ORACLE University**                                                                     **2006**
  Oracle 10g Database Administration Level II - RMAN backups & recovery; flashback recovery;
  Redo Log recovery; Memory Management; Schema Management

- **ORACLE University**                                                                     **2005**
  Oracle 10g Database Administration Level I - Oracle Database installation & configuration;
  cold/hot backups & recovery; undo management; administer users

- **ORACLE University**                                                                     **2002**
  Oracle 9i SQL Certification training – Advanced SQL Language creation & tuning to create/maintain
  schema/database objects and store/retrieve/manipulate data

- **College of DuPage**                                                                     **1997**
  Visual Basic programming training - designed, coded and tested Visual Basic programs

- **CTG Systems Engineer Development Program**                                              **1995**
  Coded and tested COBOL application programs and JCL job streams and Procs
  Coded and tested CICS Command Level application programs

- **DePaul University**
  Bachelor of Science Degree in Accounting and Computer Science                            **1993**