**Sampson Lightson**

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**EXECUTIVE SUMMARY:**

I am a Database Administrator turning agile developer and cloud / DevOps Engineer, with 15 years of IT experience. My extensive experiences as an IT professional from various industries enables me to understand and learn new and trending technologies much faster. I’m currently growing my skills with Cabu, a ridesharing company where I work. However, I am seeking for a more challenging opportunity within a development environment where I can learn and grow my development skills, so I can contribute my expertise to the company’s success. I am led by a passion to move my skills towards the direction of development and cloud engineering. I have been involved in multiple application development, upgrades, cloud migrations and app deployments, including database cloud migrations. I am a fast learner and a hard-working person, a team player and a good team collaborator and contributor, with ability to work on my own independently. I also enjoy the challenge of fixing and building things.

**EDUCATION:**

**Master’s Degree ­-** Database Technology 05-2014 to 07-2015

Regis University- Denver, CO

**Graduate Certificate** -Database Administration with Oracle 01–2014 to 07-2014

Regis University-Denver, CO

**Bachelor’s Degree** - Computer Science 09-2008 to 07-2013

Rutgers, The State University of New Jersey, Camden, NJ

**Associate Degree -**Desktop Publishing/Oracle 8i/9i Database Administration I&II 02-2000 to 06-2002

Systematic Computer College**,** Akoka, Lagos

**PROFESSIONAL EXPERIENCE**

Cabu Technologies, Inc., Philadelphia, PA 02-2016 to Till Present

**Manager Database and Application Services**

At Cabu, I am responsible for all APIs integration and deployments into the apps, including REST APIs integration into Cabu Applications. I oversee all the development and operations stages of the mobile apps from start to finish, using DevOps technologies solutions to improve collaboration and communication between all the implementation teams involve during implementation. I also write and update all the documentations needed to integrate and support the APIs integration into apps. During meetings, I communicate implementation plans with upper management, development teams and third-party clients about the project’s objectives, to provide clarity and understanding to all. I am also responsible for creating all deployment solutions and write documentation that meet business standards and budget requirements.

* Designed the Cabu UI UX and platform architecture.
* Oversee and collaborated with team members to deploy Cabu apps and websites and build web applications.
* Collaborate with teams during apps development process and APIs integrations within the app.
* Manage software development projects, including checking and improving the codes.
* Synchronized user, group, and department data from Microsoft Active Directory (AD) and LDAP servers.
* Deployed and synchronize keePass to store and access all passwords securely from an encrypted database file locked with a master password via LDAP integration.
* Deployed enterprise identity access management (IAM) solution to capture and record all login information.
* Communicated implementation plans with upper management, development teams and third-party clients during meetings about the project’s objectives, to provide clarity and understanding to all.
* Responsible for creating all deployment solutions and writing of all documentation about application deployment, to meet business standards and budget requirements.
* Manage and scale CI/CD builds pipeline using Jenkins to automate continues application development and testing process of all TestFlight (iOS) apps and Test Beta (Android) apps deployments to produce Quality Assurance (QA) Apps.
* Oversees the deployment of all Monthly and Nightly production code releases implementations using DevOps solutions enable collaborations with all other developers to automate CI/CD development.
* Used Docker to containerized multiple applications into one package.
* Monitoring the deployment of all monthly and nightly production code releases implementations using DevOps solutions to rollback all services, in-case of failed deployment process.
* Collaborated in test phases of iOS and androids Apps for Bug detection and bug fixes.
* Provisioned some SaaS, IaaS and PaaS such as AWS, GoDaddy and APIs such as PUBNUM, Twilio, Google Map, Stripes, PayStack etc., using DevOps solutions to automate CI/CD development process of Cabu platform.
* Deployed Okta Identity Providers API to provide operations to manage federations with external Identity Providers (IDP). This enabled single sign-On logging into all installed Applications with one secure authentication using SAML 2.0 protocol.
* Generated and integrated PubNum API into Cabu app to empower Google Maps to display the smooth movement of cars on Maps from the passenger and driver apps.
* Generated and Integrated API for Stripe Payment Gateway to support payment for Cabu ride transactions US.
* Generated and Integrated API for PayStack Payment Gateway to support ride payment for Cabu all trips completed in Cabu Africa market.
* Deployed RSA SecureID authentication as an identity access management (IAM) solution to capture and record all login information.
* Deployed Okta solution as an IAM solution to provide single sign-on access to multiple applications including AWS servers.
* Generated and integrated a REST API named DEVELOPER HERE into the Cabu platform to allow the Cabu app to automatically determine and generate the cost of tolls for each driver.
* Participated and oversee app provisioning, testing, implementation, and upgrade procedures for new mobile application, including giving presentations to clients.
* Worked with Development team to deploy Web & Applications to new Virtual Private Servers (VPS).
* Upgraded MySQL database from 5.6 to 5.7 and MariaDB to 10.1.
* Fixed MySQL component issues affecting production database.
* Implement critical metric alerts on OEM 12c for tablespaces, disk space usage, filesystems, database up/down.
* Day to day Oracle and SQL Server databases supports.
* Writing and updating documentation of all step by step implementation of various tasks procedures, including back-out and rollback plans for disaster recovery and service restoration, based on company’s standard of documents versioning with time, date and name of author.
* Primary on call and for all database and Application supports escalation to resolve issues such as website and Applications Performance issues.
* Helped migrated database and Applications services to Amazon Web Services. (AWS).
* Participate in daily and weekly team meetings.

Ellucian, Malvern, PA07-2016 to 07-2017

**DevOps / Senior Cloud Engineer –** (contractor)

At Ellucian, I provided off-site Banner DBA support for numerous universities. Duties include all installations, upgrades, maintenance, and support for Ellucian applications including Banner ERP and Degree Works. All of our Banner servers are on RHEL. Application servers include Weblogic and Tomcat upgrades, maintenance, and trouble-shooting for Ellucian applications including Banner ERP, Degree Works. Operational Data Store (ODS), Banner Event Publisher (BEP), Banner Workflow, Banner Integration for eLearning, Banner Enterprise Identity Services (BEIS), and Ellucian Solutions Manager (ESM). I have performed numerous cloning operations between Banner environments. All Banner servers are RHEL. Application servers include Weblogic and Tomcat.

* Used service now (SNOW) tickets to schedule Production & Non-production takes i.e. patches, upgrades etc.
* From Okta platform constantly updating confluence and box pages with tasks related updates and documentations with customers (collages/universities) servers/database/application information.
* Deployed Okta Identity Providers API to provide operations to manage federations with external Identity Providers (IDP). This enabled single sign-On logging into all the installed Applications with one secure authentication using SAML 2.0 protocol.
* Deployed and synchronize keePass to store and access all passwords securely in an encrypted database file locked with a master password.
* Deployed enterprise identity access management (IAM) solution to capture and record all login information.
* Deployed RSA SecureID authentication as an identity access management (IAM) solution to capture and record all login information.
* Deployed Okta solution as an IAM solution to provide single sign-on access to multiple applications including AWS servers.
* Vetted and documented Vulnerability & Remediation cases for 1000+ server environments from assigned Ellucian customers (universities / colleges), which includes RDBMS (10g/11g/12c), WebLogic INB/SSB servers, JAVA, Tomcat, Banner server environments.
* Experience upgrading to Banner 9 XE from banner 8 and upgrading to latest release of Oracle Forms, WebLogic, TomCat, Middleware on Banner environments, patched and updated hundreds of servers.
* Patched/Upgraded Oracle RDBMS 11.2.0.4, 12.1.0.2 with July 2016, Oct 2016 & Jan 2017 for 1000+ universities/colleges.
* Staged and Deployed and staged Okta Identity Providers API to provide operations to manage federations with external Identity Providers (IDP). This enabled single sign-On logging into all installed Applications with one secure authentication using SAML 2.0 protocol.
* Patched WebLogic servers’ for 100+ universities/colleges server environments (Production/Non-Prod)
* Great experience working in DiDATA / AWS Cloud environments.
* Upgraded Oracle RDBMS databases to 12R2.
* Writing and updating documentation of various tasks with step by step implementation of procedures, including back-out plan for disaster recovery of processes by adopting and following company standard of versioning the documentations with time, date and name of author.
* Participate in daily and weekly team SCRUM meetings (Director of Engineering SCRUM meetings, Team Manager SCRUM meetings, Team SCRUM meetings.)
* Opened and solved over 1000+ Service Now (SNOW) Tickets from different tacks / projects assigned to me from over 100+ colleges and Universities, by upgrading services to a specific latest benchmark release version in order to prevent/remediate any form of vulnerability threats to customer services.
* Schedule & Monitor Oracle database (RMAN / Data Pump) backups before upgrading or patching and environment and also provide a rollback measures in documentation.
* Upgrade Oracle and SQL Server databases depending on the database technology used by the institution.
* Downloads and staged oracle, Java, WebLogic etc. software to S3 buckets in AWS cloud environment.
* Creates and Updates Confluence pages for all prod/no-prod java, oracle RDBMS, WebLogic patches schedules.
* Creates EOC tickets to request manage / un-managed All services during implementation of Remediation & Vulnerability tasks upgrades and patch maintenance.

Talen Energy, Allentown, PA05-2016 to 08-2016

**Senior Oracle Database Administrator** (contractor: UAA/UA Clearance)

At Talen Energy, I worked along two other databases Administrators and one Team Lead to provide day to day production supports to databases located on AWS clouds. Providing database support for the below tasks:

* Take data pump expdp/impdp backups for database migration.
* Installed multiple Oracle EM Agents and Deployed Agents and databases for all hosts using OMS agents.
* Migrated databases to Amazon Web Services (AWS) RDS/RHEL and EC2/RHEL servers using Data pump.
* Worked on Amazon GovCloud database migration RHEL platform.
* Worked created and supported SQL server 2008, 2010 & 2012 database.
* Plugged in many SQL Server environment into Oracle 12c Cloud control platform.
* Installed Oracle 12c grid infrastructure and configure ASM disk group +DATA on AWS.
* Created ASM disk groups to support database test migration.
* Migrated test databases using RMAN backup & restore.
* Installed multiple Oracle EM 12c 12.1.0.5 Agents on Microsoft SQL Server and setup plug-ins version 12.1.0.6.
* Implement critical metric alerts on OEM 12c for tablespaces, disk space usage, filesystems, database up/down.
* Day to day Oracle and SQL Server databases supports from Service Now (SNOW) Ticket Requests.
* Documentation of critical implementation plan procedures, including back-out plan for disaster recovery of processes following company standard of version updates with time, date and name of author of documentation.
* Deployed / staged Okta API to provide operations to manage federations with external Identity Providers (IDP), enable single sign-On into multiple Applications with a single password via SAML 2.0 protocol.
* Deployed RSA SecureID authentication as an identity access management (IAM) solution to capture and record all login information.
* Deployed Okta solution as an IAM solution to provide single sign-on access to multiple applications including AWS servers.
* Troubleshoot Performance tuning.

University of Akron, Akron, OH06-2015 to 11-2015

**Senior Oracle Database Administrator** (contractor)

* Performs RMAN backups restore, also take data pump expdp/impdp backups.
* Work on flashback recovery of databases.
* Used Golden Gate for data replication from cross-multiple platform database migration AIX to Red Hat Linux.
* Used materialized Views to reduce query execution time and help with Database Performance.
* Work on Database migration from AIX to Linux Red Hat and prepare databases for AWS cloud test Migration.
* Deployed and synchronize keePass to stores all passwords securely in an encrypted database file locked with a master password.
* Worked on numerous footprint incident request.
* Installed SES 11.2.2.2 and Oracle 11.2.0.4 and apply all appropriate patches for SES and Oracle.
* Installed Oracle 12c 12.1.0.2 on Linux Red Hat.
* Installed Oracle 11g 11.3.0.1 on Linux Red Hat and patched oracle 11.2.0.3.
* Worked with developers on database support bases.
* Created standalone databases for test and development purposes per user request.
* Implemented production code releases.
* Resolved tnsnames.ora & listeners confliction issues due to multiple Oracle database releases on server.

**Regis University, Denver, CO** 05**-**2014 to 07-2015

**Technical Lead – Senior Oracle Database Administrator** (Volunteer)

* Create databases use every semester by students, such as standalone, container and pluggable databases.
* Installed Oracle Apex into 11g & 12c oracle database.
* Used Oracle Apex to generate SQL & PL/SQL codes that was deployed into the Test and production database.
* Used Apex as tool to create EPR used to create database warehouse.
* Troubleshoot and resolved Oracle 12c EM Cloud Control issues such as OMS heartbeat failure, Management Agent failure and Repository Database with Agent.
* Implement Oracle ASM to fixed high CPU & memory utilization students Databases.
* Participate in the weekly practicum progress/project meeting and discussions on database issues.
* Creating Standby Data Guard database on the DR server for some sensitive databases.
* Use RMAN shell script to implement RMAN backup to FRA.
* Involve in weekly on-call database support between 13 DBAs.
* Experience generating SQL development codes with Oracle 12c APEX system.
* Work closely with instructors to resolve their database requests for their classes, such as login issues, performance, creating new Multitenant databases (Container DB, Pluggable DB and Standalone).
* Receiving escalation from database issues and tasks.
* Used materialized Views to speed up DML queries.

**Computer Science Corporation (CSC), Marlton, NJ** 11**-**2014 to 05-2015

**Senior Oracle Database Administrator** (Contractor for Dept. of Defense on ARMY LMP Program)

* Research and document snapshot standby database to support disaster recovery.
* Participate in weekly DBA meeting, offered helpful suggestions on database security for DISA environment.
* Documentation of critical implementation plan procedures, including back-out plan for disaster recovery of processes following company standard of version updates with time, date and name of author of documentation.
* Research and document strategy to upgrade to Oracle 12c cloud control in CSC environment.
* Used Oracle Enterprise User Security to manage user access through Active Directory etc.
* Used Oracle Data masking in Oracle Database also Research and document Active Standby database.
* Offer helpful suggestion to diagnose Database Performance tuning such as the implementation of Oracle Automatic Memory Management (AMM) to fixed high CPU & memory utilization issues etc.
* Create script for RMAN backup validation (Disk & NetBackup-TAPE).
* Used Oracle Advanced Security for data encryption.
* Work with other Oracle DBA to design Disaster Recovery plan for Data center move to DISA.
* Research cross multi-platform data replication implementation between Linux and Sun Solaris platform for the Data center move to Defense Information Systems Agency (DISA) Headquarters.

AGI, Exton, PA 09-2014 to 10-2014

**Senior Oracle Database Administrator** (Contractor)

* Work as part of a database team with focus on production support
* Review designs offer alternatives and implement changes to schemas
* Monitor systems for availability, fail-over and replication errors
* Analyze, monitor and tune databases for optimal efficiency
* Review code, run explain plans, tune queries
* Restore and recover corrupted databases
* Ability to work on-call and after hours/weekend support
* Analyze tables, add indexes, and create partitions
* Implement security (create users, apply certificates, update registries)
* Provide support for testing effort, including developing scripts to load and archive test data.
* Deployed and synchronize keePass to stores all passwords securely in an encrypted database file locked with a master password.

Barclaycard, Wilmington, DE 07-2012 to 02-2014

**DevOps Engineer / Oracle DBA**

* Used shell scripts with control-m to implement weekly code releases.
* Oversees the deployment of all Monthly and Nightly production code releases implementations using DevOps solutions enable collaborations with all other developers to automate CI/CD development.
* Monitoring the deployment of all monthly and nightly production code releases implementations using DevOps solutions to rollback all services, in-case of failed deployment process.
* Provided database support, performance tuning & monitoring for all scheduled daily batch jobs.
* Used Shell scripts to schedule, troubleshoot, reschedule & restart failed RMAN tape NetBackup level 0, 1, & 2 Incremental, differential & archive redo logs backups.
* Documentation of critical implementation plan procedures, including back-out plan for disaster recovery of processes following company standard of version updates with time, date and name of author of documentation.
* Modify RMAN backup shell scripts by adding flag to script to allow or disallow archive log shell script before restarting failed backups to clean-up the archive logs that are filling up the archived directory.
* Worked with NetBackup team to fix fail backup issues such as Media layer channels etc.
* Fix and re-create index “index unusable” issues, resulting from production release.
* Used OEM grid control to manage 29 production Oracle databases between (1 - 49 terabytes sizes) databases, hosts and other related components.
* Gathered statistics on stale tables, indexes partitions and sub-partitions.
* Implemented all nightly, weekly & monthly production database code release.
* Support developers for efficient SQL tuning and performance monitoring, create explain plan to Troubleshoot database designs SQL and PL/ SQL code issues.
* Use OEM grid control, SQL\*Plus and Toad to monitor, troubleshoot and fix database performance issues such as high CPU utilization, long running queries, batch jobs, blocking locks, create explain plan to tune badly written SQL statements and generated AWR/ASH reports etc.
* Worked on trouble & incident tickets and requests directed to the DBA email queues.
* Participated in the weekly On-call database support rotation between 9 DBA.
* Document and review of spool (logs) from Putty to notepad of daily work activities to keep track of work activities to review them when troubleshooting.
* Dialed into the bridge line during scheduled and unscheduled emergency conference calls.
* Imp/exp and backed up key schemas before starting the weekly production code release.
* Added ASM storage or data files whenever spaces are used-up in the production database.
* Handled the night shift database supports.

Lehigh Valley Health Network, Allentown, PA05-2012 to 07-2012

**Senior Oracle Database Administrator** (contractor)

* Recovered oracle RAC database 11.2.0.2 release on AIX Version 5.3 with RMAN.
* Co-installed oracle 12c RAC with another DBA on a 2 node RAC cluster on Linux Red hat 5.
* Create oracle 12c pluggable database.
* Resolve performance issues by generating database snapshots info from OEM grid control AWR reports.
* Restore & recover RMAN database backup.
* Co-setup ASM database and create disk groups for a RAC Cluster ware.

GlaxoSmithKline, King of Prussia, PA07-2010 to 07-2011

**Senior Oracle Database Administrator**

* Involved in Data Center move as a DBA support team.
* Supporting Test, Development and Production databases.
* Used OEM Grid Control and SQL\*Plus to manage and monitor 1,000+ production, QA and development Oracle RAC 10g & 11g (10.2/11.2) databases between 4-32 terabytes sizes on HP-US and AIX platforms.
* Applied quarterly patches to oracle RAC databases, Database replication.
* Trained DBAs at company work locations in Poland, London, Malaysia and India via video conferencing about RMAN disk to disk setup, primary database failovers and Data Guard switchover to primary and vice-versa by scheduling pilot and dry-runs testing using Shell scripting.
* Documentation of critical implementation plan procedures, including back-out plan for disaster recovery of processes following company standard of version updates with time, date and name of author of documentation.
* Created databases and perform database and schema export/import using Data Pump.
* Used Shell script for configuring RMAN parallelism and backup compression, monitor & restart failed RMAN backup failures (Level 0 & 1) (weekly & daily) Disk to Disk backups and worked with Net backups Admins.
* Setup/Tested database switchover and failover processes.
* Monitored all database disks/tapes backups for production, development, QA and test databases.
* Installing and managing all RAC 10g/11g databases.
* Used Unix/Linux OS commands to administer database work activities.
* Used shell script to automatically kick-off RMAN backup processes daily from CRONTAB i.e. deleting old achieve logs, backup new log files and completing database backups to tape and disk through RMAN.

**Independence Blue Cross, Philadelphia, PA** 02-2008 to 06-2010

Oracle Database Administrator

* Participated in weekly on-call database support rotation.
* Supported Development, Test, Quality Assurance (QA), and Production databases.
* Upgraded database to Oracle 10g RAC from Oracle 9i.
* Worked and supported Oracle Database on Windows SQL Server.
* Supported SQL server 2008 databases.
* Recovered databases from backup via RMAN to upgrade onto Oracle 10g RAC 10.2.0.4 from 9i.
* Installed and deployed agent and configured database into Oracle EM Grid Control.
* Generated database workload statistic report from AWR, ADDM on daily basis and emailed to DBA manager.
* Recovered failed database from backup tape sets, and database refresh upon notification.
* Applied Oracle quarterly security patches (PSU/CPU) to ALL databases.
* Documentation of critical implementation plan procedures, including back-out plan for disaster recovery of processes following company standard of version updates with time, date and name of author of documentation.
* Worked closely with NetBackup team to resolved failed RMAN backup issues.
* Used the Unix/Linux OS commands to administer database activities.
* Created directories and files permissions and set up Oracle environment variables, starting and stopping Oracle services on Linux platforms during backup failures and upgrades. Knowledge of Unix/Linux root access.

Burlington Coat Factory, Burlington, NJ03-2004 to 02-2008

**Oracle Database Administrator**

* Refreshed and duplicate 10g RAC database 2 node database instance from VERITAS NetBackup using RMAN.
* Supported Production, Test, QA and development databases.
* Used shell script to set up bash Jobs to automatically startup Oracle services during failure i.e. for 8i databases, Oracle 10g CRS, ASM databases, RAC databases, Listeners. Setup Oracle Net Services including tnsnames.ora and listener.ora.
* Used shell script to administer Oracle Net services and Creating UNIX accounts.
* Used Oracle EM Grid Control, Quest Central, Performance Analysis and Foglight to monitoring Database Performance activities.
* Used ASM commands such as ASMCMD to manage, create ASM disk groups & add ASM storage.
* Creating directories, files and set Oracle environment variables, start/stop oracle RAC/CRS services.
* Worked on AIX, Sun Solaris and Linux (Red Hat/SUSE) OS platforms.
* Monitor physical and logical disk systems and their impact on database performance.
* Installing, configuring and managing Oracle RAC 10g/11g databases in a 10 nodes Cluster ware setup.
* Strong knowledge/understanding of adding nodes to an existing RAC database setup.
* Experienced with RMAN backups/restore and VERITAS Net backup tapes and redo data Transport Services.
* Applying quarterly PSU patches to Oracle 10g/11g database cluster to CRS, ASM, RDBMS homes.
* Used traditional Import/Export utility and data pump to import and export tables, schema and databases.
* Performed SQL tuning, database & server tuning, to resolve high CPU utilization & contention issues during db code release into production database.
* Built and maintain Oracle data warehouse standalone database (BCF’s first Database Warehouse).
* Setup 2- 4 nodes RAC Data Guard databases each on the DR server at Edgewater Park, NJ data center for every single production database located on the Burlington location data center.
* Upgraded Oracle 10g RAC database to 11g RAC database with ASM using RMAN.
* Upgraded Oracle database 9i directly to 10.2.0.3 and from 9i to Oracle 11gR1 (2 node RAC), also configured the CRS and created ASM database.

**Skills**

* Oracle release versions: 8i, 9i, 10g, 11g, 12c
* DevOps Engineer: 5 years
* Jenkins: 4 years
* Code release Development: 6 years
* Total DBA experience: 14 years
* Oracle Database Backup Recovery: 13 years (RMAN backup/recovery, NET BACKUP set up)
* Performance tuning/Monitor Tools: 10 years OEM, Toad, Quest Central perf. Analysis, Foglight, Spotlight.
* Operating Systems: Linux: SLES 9,10&11/RHEL 4,5,6, AIX, Sun Solaris & HP-UX
* Shell Scripting. 12 years KSH, Bourne shell and Bash
* Oracle Data Guard and ASM: 10 years
* Total RAC experience: 12 years (from 9i, 10g, 11g, 12c)
* Oracle 11g experience: 9 years 11g from beta stage to 11.2.0.4 release
* Oracle 12c experience (PDB & CDB): 5+ years from 2012 till present
* Import/Export Data Pump: 11 years
* OEM Grid/Cloud Control: 12 years / 3 year
* Cloud Engineer: 3 Years
* Amazon Web Services (AWS): 3 years
* SQL Server: 4 years SQL Server 2012, 2014,
* Programming Language: 10 years SQL, PL/SQL, C programing
* Java : 6 years
* Python: 3 years

**Certifications & Professional Training**

Learning Tree International -2006

*Certificate* - Oracle Database 10g: Backup, Recovery, Data Guard, RMAN and Server Tuning Oracle Training

Security+ *Certified* –03/2015

SY0-401

* Network Security
* Compliance and Operational Security
* Threats and Vulnerabilities
* Application, Data and Host Security
* Access Control and Identity Management
* Cryptography