**Charles Ajah**

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**Database Administrator**

**PROFESSIONAL SUMMARY**

A results-driven Oracle and SQL Server DBA with experience in designing, architecting, and delivering robust Oracle/SQL database solutions that ensure data integrity, high availability, and performance optimization.

Demonstrable ability to enhance database and platform efficiency, automate workflows, and drive business operation by leveraging cutting-edge technologies. Adept at collaborating with cross-functional teams in the delivery of database solutions and projects.

**Skills summary**

* Oracle database upgrades | RAC cluster upgrades, Dataguard upgrades and single instance upgrades across multiple versions and releases in the Oracle upgrade matrix.
* Linux/Solaris/AIX/HP-UX/Windows/IIS
* SQL Server cluster installation/administration
* Postgres installation and configuration.
* Oracle RAC installation and configuration | Oracle Dataguard physical/logical standby build and configuration.
* ASM Storage | ASM Disk Group Management (add, remove, resize), ASM Cloning, ASM I/O tuning.
* Oracle Multitenant Database management.
* Cloud, CI/CD/DevOps | Terraform, Azure cloud, Docker, Jenkin Pipelines, Ansible, Python, Linux, Shell scripting, Groovy Scripting, PowerShell, Git, PL/SQL, Oracle GoldenGate, Oracle GoldenGate BigData.

**Professional Experience**

SKY UK −Livingston, Scotland

**Senior Performance DBA** • August 2023 – till date.

* Drive the optimisation of Sky’s customer Oracle databases & platforms.
* Develop and provision large Oracle data set refresh processes from production to the testing systems
* For each weekly software release, produce an Oracle database regression analysis and remediation for the over 35 Oracle databases supporting our customer facing Digital Sales/Service & Mobile app platforms, Customer Contact Centres, Sky systems for Sky Glass and Sky Q,
* Oracle 19c database upgrades
* Deliver robust regression tests for Oracle databases19c upgrades or migration.
* Partition and index management of very large Oracle database systems for Transcom.
* Installed and configured oracle\_fdw (Oracle Foreign Data Wrapper) on RHEL 8 to enable distributed reporting and seamless data access between Oracle and PostgreSQL databases.

***Key Achievements:***

* With OEM(Oracle Enterprise Manager) exclusive for production systems, I engineered and implemented an automated solution written in Python for the monitoring of non-production databases and management of tablespaces.

Key functionalities of this solution include:

* + For our non-ASM databases, when a tablespace falls below its minimum space threshold, the solution adds datafiles without manual intervention by deciding what filesystem the new datafile should be allocated into. Databases with ASM storage also get datafiles added.
  + An email is generated whenever a database is unreachable, or the archivelog filesystem breaches 90% utilisation threshold.
* Conceptualized and configured a centralized Postgres workload analysis repository using pg\_profile extension to collect and store database performance metrics from multiple remote PostgreSQL instances. This solution would enable the generation of PostgreSQL performance reports comparable to Oracle’s AWR reports.

A.P. Moller Maersk −Maidenhead, United Kingdom

**Senior Technology Operations** • February 2022 – June 30, 2023

* Managed end-to-end Oracle 11g/12c/19c database operations**,** including upgrades, patching, backups, security, and performance optimization.
* Implemented continuous delivery of Azure database infrastructure using Terraform within a DevOps pipeline.
* Collaborated with Application teams to test, validate**,** anddeploy new application code releases**.**
* Administered and maintained Oracle OEM 13c Cloud Control, overseeing patching and system enhancements.
* Oracle Goldengate support and administration.
* Managed and supported high-availability Oracle environments, including Oracle RAC clusters and Dataguard deployments.

***Key Achievements:***

* **Data Integration Solutions |** Implemented a compliance-driven data integration solution using Oracle GoldenGate BigData, ensuring adherence to Indian regulatory requirements by keeping Indian data within the country. Enabled real-time data streaming to an Azure Data Lake in Central India Azure Region.
* **Oracle OEM SME**: Led the end-to-end upgrade of Oracle Enterprise Manager (OEM) 13.3 to 13.4 and 13.5, ensuring a seamless OEM full-stack upgrade.
* **Database Migration**: Successfully migrated two large Oracle 19c databases from IBM private data centre to Azure public cloud, implementing migration roadmaps and leading triage sessions to ensure minimal downtime.

A.P. Moller Maersk −Maidenhead, United Kingdom

**Oracle DBA** • August 2018 – February 2022

* Oracle 12c/19c database periodic patching
* Oracle 19c upgrades
* Administered and supported high-availability Oracle RAC clusters and dataguard instances, ensuring near-zero downtime failover and disaster recovery readiness.
* Optimized Oracle database performance by conducting root cause analysis and fine-tuning poor SQL queries.
* RMAN backup management and performance tuning to reduce backup latency where possible.

***Key Achievements:***

* **Oracle OEM** | Deployed and configured OEM agents from OEM Gold Images across hundreds of hosts, streamlining enterprise monitoring and management for all our Oracle stack. Automated target promotions using EM CLI and shell scripts, improving efficiency and reducing manual effort.
* **Teamwork & Collaboration**: Served as a member of a dedicated shift-based Oracle DBA team, responsible for front-line Oracle database P1/P2 incidents. Diagnosed and resolved critical database issues, ensuring minimal downtime and enhancing overall business operation.

Mott MacDonald −Southampton, United Kingdom

**Database Administrator** • May 2013 – August 2018

* Managed full Oracle and SQL Server database lifecycle from installation, upgrades to decommissioning.
* Installed and built Oracle 11gR2 RAC solutions for ProjectWise and OpenText Livelink systems.
* Managed the deployment of quarterly patches for entire Oracle database estate.
* Supported SQL Server 2014 clusters.
* Windows Server and IIS support

MSX International −Colchester, United Kingdom

**Oracle Database Administrator** • August 2012 – March 2013

* Installed and configured Oracle Configuration Manager to improve Oracle support service delivery.
* Set-up OSWatcher black box on all Oracle database hosts to collect and archive OS and network performance metrics for diagnosing and troubleshooting performance issues.

JCDecaux UK −London, United Kingdom

**Database & Applications Administrator** • August 2008 – November 2011

* Provided 3rd line support for OpenText Artesia 6 application.
* Provided 3rd line support for Oracle Hyperion 9 and 11.
* Supported the Oracle 9i/10g databases for Artesia 6.and Oracle Hyperion 9/11 applications.
* Upgraded the Artesia 6 Oracle database from Oracle 9i to 10g using export/import.
* Supported and administered SQL 2008 instances for Business Objects and Microsoft CRM.

**ADDITIONAL Experience**

Westminster College of Computing −London, United Kingdom

**Database Instructor/Desktop Support Engineer** • June 2007 – July 2008

**Education & Qualifications**

University of Greenwich −London, United Kingdom

**Master of Science in Enterprise Systems & Data Warehousing, 2008**

Nnamdi Azikiwe University - Nigeria

**Bachelor of Science in Computer Science, 2004**

Microsoft

**Certified Azure Solutions Architect Expert, 2021 | Certified Azure Administrator Associate, 2020**

AXELOS Global Best Practice

**ITIL v4 Foundation Certificate in IT Service Management, 2019**

Oracle

**Certified Professional (OCP DBA 10g), 2011**