

# Mohamed Eman Mohamed Amin Mohamed Abdelbaky

Oracle Technology Consultant | Engineered Systems - Exadata | E-Business Suite

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Oracle Database administrator (DBA) With experience in Installing, Administrating, and Supporting next-generation database solutions in Oracle enterprise and SQL Server environments. Proficient in an assortment of technologies, including Oracle 9i/10g,11g,12c, MS SQL Server, Unix (Oracle Solaris, IBM AIX, HP/UX), Linux, and Windows Servers. **DBA skills include:**

- Oracle 9i,10g,11g,12c,19c Database Administration.
- Oracle RAC & ASM Administration/Installation.
- Exadata Administration & Patching
- Performance Tuning & Capacity Monitoring.
- Oracle Databases patching and upgrade.
- Oracle Databases Cross platform Migration and Same Platform migration
- Oracle Data Guard 10g, 11g, 12c, 19c Configuration and Administration.
- Oracle R12 E-Business suite Installing, Patching, Cloning, and Administration.
- Backup & Recovery (RMAN, Data pump Utilities).
- Oracle transportable Tablespace, XTTS
- Oracle Flash Back Technology, Oracle Streams.
- Oracle Golden Gate Installation, Configuration.
- Oracle Grid Control 11g and Oracle Cloud control 12c, 13c.
- Oracle Database Gateway Configuration.
- Oracle WebLogic Installation and Administration.
- Oracle Internet Directory, Access Manager, Data Integrator, Business Intelligence (OBIEE), Forms and Reports Installation, Configuration and Migration.
- MS SQL Server 2005, 2008 and PostgreSQL, MySQL DB2 basic Knowledge.

## EXPERIENCE

### UTP Systems

January 2023 to Present

#### Technical Architect – Oracle Core DB, WebLogic & EBS

- Database and Application Management:
  - Administer and maintain Core Oracle Databases (11g/12c/19c) ensuring high availability, performance, security, and disaster recovery readiness.
  - Manage Oracle WebLogic Server environments supporting middleware applications and Oracle EBS integrations.
  - Oversee the Oracle E-Business Suite application tier, ensuring seamless operation, patching, and performance optimization.
- Team Leadership:
  - Lead a team of DBAs and Middleware Administrators, providing technical mentorship, performance evaluation, and growth opportunities.
  - Define objectives and delegate responsibilities aligned with strategic goals.
- Architecture and Design:
  - Collaborate with application developers, architects, and business analysts to design scalable, secure, and high-performing Oracle-based solutions.
  - Ensure sound database schema design, data modeling, and indexing strategies.
  - Design and support EBS customizations, extensions, and integrations.
- Performance Tuning and Optimization:
  - Conduct proactive monitoring and performance tuning of Oracle databases, WebLogic components, and EBS modules.
  - Optimize SQL queries, AWR/ASH analysis, and WebLogic JVM performance.
- Security and Compliance:
  - Implement robust security controls across Oracle DB, WebLogic, and EBS environments.
  - Enforce RBAC, encryption, auditing, and ensure SOX, GDPR, or other regulatory compliance.
- Upgrades and Patching:
  - Plan and execute database upgrades and EBS R12.x/19c upgrades and patches with minimal disruption.
  - Apply CPU/PSU patches to both database and middleware tiers (WebLogic, OHS, etc.).
- Capacity Planning and Resource Management:
  - Monitor system resource usage and database growth.
  - Develop forecasting models to ensure the infrastructure scales to meet business demands.
- Incident Response and Troubleshooting:

- Lead resolution of high-impact incidents related to Oracle DB, WebLogic, or EBS.
- Conduct root cause analysis and implement preventive solutions.
- Vendor and Stakeholder Engagement:
  - Act as a primary liaison with Oracle support and other technology vendors.
  - Evaluate and recommend new Oracle technologies, tools, and licensing strategies.
- Collaboration and Communication:
  - Partner with business and IT stakeholders to align Oracle infrastructure with enterprise objectives.
  - Provide clear, concise communication and reporting to both technical and non-technical audiences.

**Oracle**
*April 2018 to January 2023*

Technical Leader, ACS Global Expertise Centers, Cloud Database, APPS DB

- High-Quality Service Delivery:
 

Deliver best-in-class technical services across Oracle Core DB and Applications DB (EBS) environments, ensuring high availability, performance, and customer satisfaction.
- Proactive Customer Engagement:
 

Anticipate and identify customer needs to propose and execute proactive solutions. Remain closely engaged with customer activities and technology roadmaps.
- Cross-Team Collaboration:
 

Work collaboratively with Oracle Lines of Business and Partners to exchange knowledge and best practices. Represent ACS as a technical SME in both internal and external engagements.
- Innovation Focus:
 

Stay current with Oracle technologies and industry trends, identifying innovative solutions and automation opportunities to improve service delivery and customer outcomes.
- Incident and Request Management:
 

Manage and resolve customer incidents and service requests in alignment with Oracle’s support model and defined KPIs. Ensure service levels are consistently met or exceeded.
- Knowledge Management:
 

Continuously expand and maintain expertise in Oracle technologies, including new database features, patches, and EBS components.
- Operational Excellence:
 

Complete proactive health checks, patching, upgrades, and configuration reviews within agreed timeframes and standards.
- Ownership and Problem Resolution:
 

Take full ownership of complex issues, from analysis through resolution, while maintaining clear communication and managing expectations throughout the support lifecycle.
- Leadership & Supervision:
 

Provide mentoring and oversight to junior DBAs and indirect reports, as needed. Contribute to team development and knowledge-sharing efforts.

**Iserv Solutions**
*December 2016 to April 2018*

Senior Oracle Technical Consultant

Involved In Many Projects Inside and Outside Egypt.  
 This is a Sample Of My Completed Projects:

- \* **Central Bank Of Egypt:**  
 Database Migration From Linux Based OS to Oracle Solaris M7 Machines.  
 Oracle E-Business Suite Migration For Both Application And Database Including Application and Database Upgrade.  
 Oracle Forms & Reports, Access Manager, Internet Directory Migration.
- \* **Bank Of Alexandria:**  
 Core Banking System Database Migration From Linux Based System to Exadata.  
 Oracle E-Business Suite Database Migration From Linux Based System to Exadata Including database Upgrade from 11.1 to 12.1
- \* **IScore**  
 Database Migration From Solaris Based OS to Super Cluster Machines Including Oracle Data Guard Configuration.
- \* **Fly Nas Airlines KSA**  
 Data Ware House Database Migration to Mini Cluster Machine.  
 Oracle Business Intelligence Enterprise Migration to Mini Cluster Machine.
- \* **Ministry Of Finance Abu Dhabi**  
 Oracle E-Business Suite Database And Application Performance Assessment.

## \* **Air Liquide Egypt**

Providing 24\*7 Support For both E-Business Suite Database and Application.

## **King Fahd University of Petroleum and Minerals (KFUPM) Saudi Arabia**

*March 2016 to November 2016*

### Senior Database Administrator

- Installing, Administering ORACLE databases "ORACLE 11g and 12c" on RAC Servers, Single server and Data Guard.
- Monitor and optimize the performance of the database.
- Administering Oracle Web Logic Servers and Oracle Application Servers (Banner Education Application)
- Supporting, Cloning, Patching Oracle R12 E-Business suite RAC Structured and multi application tier servers.
- Administering Oracle Cloud Control 12c and Managing, Monitoring the production database through it.
- Works closely with system administration staff because Servers often have applications or tools on them in addition to the Oracle Databases, Also maintain some of the system administration tasks.
- Migrate Servers from Single Database Servers to Oracle RAC Servers.
- Deploy High availability Solutions for the Oracle Databases through Oracle Data Guard Solution.
- Works Closely on Symantec Net backup for backing up and restoring the database.
- Working Closely with the Virtualization Team on Deploying Oracle RAC Database on VMware and one project Get successful and Migrated the database to Oracle Database on VMware.
- Contacting Oracle Corporation for technical support.
- Administer MS SQL Server 2008, 2012 and PostgreSQL Databases.

## **Etisalat Misr**

*July 2015 to March 2016*

### Oracle Database Administrator

- Administration, maintenance, tuning and 24x7 Support For Multi-terabyte databases Working on RAC 11gr2, 10g and also single Instances 11gr2 the both on ASM Grid Environments.
- Supporting Oracle Data guard 11gr2 high availability solution.
- Working on oracle Solaris Systems Hosted on SPARC Servers, IBM AIX, Redhat Linux.
- Supporting, Cloning, Patching Oracle R12 E-Business suite RAC Structured and multi application tier servers.
- Refreshing and cloning of databases using RMAN, Data Pump.
- Monitor and optimize Database Performance.
- Administering and monitoring databases through Enterprise Manager 11g Grid Control.
- Configure new Targets to Enterprise Manager 11g Grid Control and Install targets agent.
- Oracle Database Auditing, Oracle Streams, Oracle Flashback Technology.
- Supporting Service based on IBM DB2 Database.
- Initiates communication with vendor and if needed, escalates with vendor management for problem resolution.
- Play the second level support role to help and assist the applications support, the operation and the development teams for the issues concerning connecting to the Databases.

## **Qatar National Bank ALAHLI**

*Aug 2014 to July 2015*

### Oracle Database Administration Executive

- Responsible for 24x7 Support of Core Banking System Database.
- Responsible for Oracle Apps Administration (E-Business suite) like HRMS and CRM.
- Responsible for maintenance, tuning and 24x7 Support of multi-terabytes databases (Oracle 9i, 10g, 11g) in production, testing and development environments hosted on Unix servers (AIX, HP) and Windows servers.
- Auditing Production Database through IBM - InfoSphere Guardium Data Activity Monitor.
- Monitor and optimize the performance of the database.
- Upgrade database versions to assure compliance.
- Backup and restore the database.
- Enrolling users and maintaining system security.
- Responsible for Implementing and Testing new oracle Technologies such as Oracle Gateway etc..
- Initiates communication with vendor and if needed, escalates with vendor management for problem resolution.
- Works closely with system administration staff because Servers often have applications or tools on them in addition to the Oracle Databases.
- coordinate and implement security measures to safeguard information in computer files against accidental or unauthorized damage, modification or disclosure.

## **Advanced Computer Technology ACT (Micros-Fidelio Partner)**

*Nov 2013 to Aug 2014*

### Oracle Database Administrator

- Implementation of Micros-Fidelio Applications based on Oracle Database.
- Implement Data Guard solution.
- Administering ORACLE based applications "ORACLE 9i, 10g and 11g" on Single server and Data Guard.
- Performing upgrades of Oracle database and Micros-Fidelio Applications to new release levels According to their patch-sets updates.

- Supporting Fidelio hospitality application based on oracle database like Opera , Fidelio suite 8.
- Monitoring and optimizing the performance of the database.
- Backup & Recovery using RMAN.
- Installing and managing job tasks.
- Installing and Administering Microsoft Windows Servers 2003 and 2008 on HP, IBM and DELL Servers.
- Work as part of a team providing production support of on-call and remote support operations.

**Comsys Software Solutions S.A.E.**

April 2013 to Nov 2013

ERP Application Specialist

- SQL server 2000/05/08 installation and configuration.
- Backup, recovery, Administration and maintaining customer’s database.
- Respond to requests for technical assistance in person, via phone, remotely.
- Stay current with system information, changes and updates.
- Configuring the application modules as per customer needs matching to the standard.

**Vodafone Egypt**

Sep 2011 to Jan 2012

Call center representative

- Respond to customer inquiries.
- Handle and resolve customer complaints.
- Identify and escalate priority issues.
- Follow up customer calls where necessary.
- Deal with relevant computer applications.

**Jupiter 2000 Software Solutions S.A.E.**

July 2009 to Sep 2009

IT Specialist

- (Intern.) in IT department.

EDUCATION

**ESLSCA Paris (Ecole Supérieure Libre des Sciences Commerciales Appliquées)**

Master of Business Administration (Digital Transformation)

**Institute of Arab Research and Studies**

Feb 2012 to Sept 2013

Postgraduate Diploma in Economic department

- Major: Economic
- GPA: Good

**Ain Shams University**

Sep 2007 to July 2011

Bachelor Degree of Commerce, English section

- Major : Accounting
- GPA : Good

CERTIFICATIONS

**Oracle 11g Database Administrator Certified Associate (OCA).**

Oracle Corporation

**Oracle 11g Database Administrator Certified Professional (OCP).**

Oracle Corporation

**Oracle Certified Expert Oracle Real Application Clusters 11g and Grid Infrastructure Administrator**

Oracle Corporation

**Oracle E-Business Suite R12 Applications Database Administrator Certified Professional**

Oracle Corporation

**Oracle Cloud Infrastructure Classic 2018 Certified Associate Architect**

Oracle Corporation

**Oracle Autonomous Database Cloud 2019 Certified Specialist**

Oracle Corporation

Oracle Database Administration 2019 Certified Professional

Oracle Corporation

Oracle Cloud Infrastructure 2019 Certified Architect Associate

Oracle Corporation

Oracle Cloud Infrastructure 2019 Certified Architect Professional

Oracle Corporation

PROJECTS

Oracle E-Business Suite R12 Migration from AIX Platform To Solaris SPARC Platform

- Migration process was from Standalone Server To Database server and Application Server.
- Database (12c) Migration through Transportable database as the both platforms have the same Endian Format.
- Application Tier Migration release 12.1.3 From AIX to Solaris Sparc Platform.

COURSES

Technical Courses

- Oracle Database 11g Administration Workshop I
- Oracle Database 11g Administration Workshop II
- Oracle 11g: RAC and Grid Infrastructure Administration
- Oracle Database 11g: Performance Tuning
- R12.x Install/Patch/Maintain Oracle E-Business Suite
- Oracle Database 11g Backup and Recovery workshop
- Oracle Database 11g SQL Fundamentals I
- Oracle Database 11g SQL Fundamentals II
- RedHat Enterprise linux essentials
- IBM AN10G: AIX Basics
- IBM - InfoSphere Guardium Data Activity Monitor
- Managing Oracle on Linux for DBAs
- Oracle WebLogic Server 12c: Administration I & II
- Oracle BI 11g R1 Create Analyses and Dashboards

Development Courses

- Education Development for Universities in Egypt (EDU EGYPT) with IBM & INFOSYS
- Language Course in English at Berlitz Three Levels
- Initial Training of Communication Skills at MetLife Alico

LANGUAGES

Arabic (Native or bilingual proficiency), English (Professional working proficiency)

PERSONAL INFORMATION

- Date of Birth: 22/8/1989.
- Nationality: Egyptian.
- Military Service: Completed.
- Marital status: Married.