

Abdelhamid Adel

Database Administrator

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Profile

Practical Database Administrator experienced in managing Oracle (18c–23c) and SQL Server environments, skilled in performance tuning, backup & recovery, and database security, with a strong focus on stability, reliability, and efficient problem-solving in production systems.

Education

B.Sc. in Computer and Artificial Intelligence – Cairo University (2020–2024)

Graduation Grade: Very Good

Graduation Project: AI-powered content detection website (Grade: A+)

Work Experience / Freelancing Experience

Oracle Database Administrator – Systel (*Authorized Partner of Motorola*) | Cairo, Egypt | 2024 – Present

- Managed production Oracle databases across versions (18c–23c), primarily 19c on Linux.
- Performed RMAN backups and recovery ensuring zero data loss in production.
- Upgraded databases and applied patches to enhance security and stability.
- Monitored database health with OEM and shell scripts, improving uptime.

Freelance Database Administrator | 2025 – Present

- Provided remote troubleshooting to resolve complex database issues for corporate clients.
- Implemented database enhancements, optimized storage (space-saving), and boosted performance.
- Established and managed links between heterogeneous databases to facilitate data integration.

Internships

Information Technology Institute (ITI) – MEARN Stack Development | June 2023 – January 2024

Database Administrator – Sufaraa Alhedaya | Cairo, Egypt | Jan 2022 – July 2022

- Acquired hands-on experience in SQL Server administration.
- Trained on core database administration tasks, including user management, backup procedures, and database security principles.

Technical Skills

Databases: Oracle 18c/19c/21c/23c, MySQL, PostgreSQL, SQL Server (Administration), MongoDB

DBA Tasks: Backup & Recovery (RMAN), User Management, Database Upgrade, Tablespace Management, Performance Tuning, Security, Patch Management, Oracle RAC, Data Guard

Languages: SQL, PL/SQL, C++, JavaScript, Java, Python

Tools: Oracle APEX (Basic), Oracle Enterprise Manager, RMAN, TOAD, SSMS, SQL Developer, Linux Shell, ERD, Schema Design

Other: Data Modeling, Troubleshooting, Monitoring, Problem Solving, Data Export/Import (Data Pump)

Soft Skills: Analytical Thinking | Problem Solving | Communication | Team Collaboration | Fast Learner

Courses

- Oracle SQL Fundamentals I & II
 - Workshop I & II (Database Administration)
 - Secure Software Development Lifecycle (SSDLC)
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Certifications

- Intermediate SQL – DataCamp
 - Introduction to MongoDB – MongoDB University
 - Machine and Deep Learning – Huawei (Dec 2022)
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Languages: English (Very Good)

Extracurricular Activities

SCCI: Active Member – Organized tech-related events and workshops.

MSP: Active Member – Contributed to community activities and assisted in technical sessions.

Problem Solving: Participated in ESPC programming competition, enhancing algorithmic and coding skills.

Projects

- **Oracle Database Upgrade:** Successfully managed and executed the upgrade of an Oracle database from version 18c to 21c.
- **HR Management System (Oracle APEX):** Designed system for employee records, roles, and attendance.
- **AI Content Detection Platform:** Graduation project; AI-based website to detect inappropriate content (Grade: A+).