

Raghad Abdullah Al-Moqhim

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OBJECTIVE

Computer Science graduate with hands-on experience in data analysis, database design, and AI applications. Seeking to advance in data management and governance roles by applying expertise in data modeling, data quality, and compliance frameworks. Passionate about leveraging DAMA-DMBOK principles to ensure data integrity, support strategic decision-making, and drive enterprise data governance initiatives.

EXPERIENCE

Tuwaiq Academy | Saudi Arabia

T5 (Data Science and AI) | July 2024 – October 2024

- Designed and optimized data models for traffic safety projects, ensuring data consistency and integrity.
- Developed a real-time monitoring system using YOLOv8 and OCR, applying structured data handling principles.
- Implemented processes for data validation and quality checks in project datasets.

SDAIA | Saudi Arabia

Trainee | Cooperative Training | July 2023 – September 2023

- Worked on cloud-based data environments, ensuring compliance with security and governance standards.
- Researched operational challenges and proposed solutions aligned with data governance best practices.
- Applied data architecture principles to support secure and scalable systems.

EDUCATION

College of Computing and Information Technology | Shaqra, Saudi Arabia

Bachelor's Degree in Computer Sciences | GPA: 4.78/5 | September 2019 – June 2024

OTHER

● Projects:

Railway Reservation Database System

- Designed and implemented relational database schema using EER modeling.
- Developed distributed architecture ensuring data integrity, security, and privacy.
- Applied SQL queries for data retrieval and management.
- Focused on data consistency and reliability in a multi-user environment.

● Courses and Certifications:

- Microsoft Azure AI Fundamentals (AI-900) | Microsoft | 2025.
- Data Analytics Fundamentals | IBM SkillsBuild | 2024.
- Cloud Computing Foundations | Amazon AWS Academy | 2023.
- Programming Essentials in Python | CISCO Networking Academy | 2022.

● Hard Skills:

- Data Modeling & Database Design.
- Data Analysis & Visualization (Python, Power BI)
- Cloud Infrastructure Management.
- Data Quality & Governance Awareness.
- Microsoft Office Suite.

● Soft Skills:

- Problem-Solving.
- Critical Thinking.
- Effective Communication.
- Collaboration and Teamwork.
- Flexibility and Adaptability.

● Languages: Arabic, English.