

Ahmed Reda Said

Data Engineer

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🌐 in/ahmed-reda-said 🔄 github.com/AhmedReda-7 📁 Portfolio

SUMMARY

Result-driven **Data Engineer** with expertise in designing, building, and maintaining **data pipelines** to enable data collection, storage, processing, proficient in **Informatica** for data processing and automation, and **SQL Server** for database management and ETL processes. Experienced in designing and optimizing **data warehouses** utilizing star and snowflake schema models to enhance query performance and reporting efficiency.

WORK EXPERIENCE

Administrative Co-ordinator, Aboushady Collection Firm

Jul 2023 – Oct 2023

Maadi, Egypt

- Managing **Crédit Agricole** bank files and **emails** to ensure accurate documentation.
- Preparing and maintaining **DCR Excel** sheets for data tracking, reporting, and analysis.
- Collaborating with supervisors and collectors to streamline workflows, resolve issues.

Cloud Computing Internship, NTI ☑

Jun 2022 – Aug 2022

6th of October, Giza

- Gaining expertise in **Cloud** and **Virtualization** concepts, Hypervisor and **VMware**.
- Developing **ETL pipelines** for data ingestion, transformation, and processing.
- Ensuring **data quality**, integrity, and consistency across workflow stages.

PROJECTS

Graduation Project ☑

Clothes Store ERP system – My role was to develop the **CRM** module,

- Developed the **CRM** module as part of an **ERP system**, ensuring seamless integration with other business functions.
- Designed key **CRM** functionalities, including **leads**, **reporting**, and task management, to enhance customer relationship.
- Focused on improving business efficiency by designing features that enhance productivity, accountability.
- Worked closely with **stakeholders** to gather requirements, optimize workflows for better user experience.

Github : <https://github.com/AhmedReda-7/ERP-System> ☑

Medicine Company Analytical Report Using Business Intelligence

- Using **SQL Server Integration Services (SSIS)** to design and execute efficient data flow processes for **ETL**.
- Developing a **Management Information System (MIS)** to apply ETL techniques on a pharmaceutical company dataset.
- Implementing **data cleansing**, **transformation**, and **aggregation** strategies to enhance **data quality** business needs.
- Creating **interactive dashboards** and **visual reports** in **Power BI** to provide actionable insights and decision-making.

Github : <https://github.com/AhmedReda-7/MIS> ☑

Bus Saftey Data Warehouse

- Utilizing **Alteryx** to design efficient **data workflows**, ensuring **ETL** processes.
- Developing a **Star Schema** data warehouse model tailored for **bus safety analysis**, optimizing data storage.
- Building a **Fact Table** to track bus safety metrics with **two Dimension Tables** for bus details, driver information.
- Enhancing **data quality** by implementing **data validation** techniques to ensure consistency and accuracy.

Github : <https://github.com/AhmedReda-7/Bus-saftey> ☑

EDUCATION

Bachelor's Degree in Information System - Helwan University,

Sep 2019 – Jun 2023

Faculty of Computer Science and Artificial Intelligence

Helwan, Egypt

GPA = 3.31 / 4

TECHNICAL SKILLS

Data Warehouse

ETL, Informatica PowerCenter, Data Quality, Data Modeling, Schema Development, Data Integration

Visualization

Dashboards, Power BI, SQL Server, Python, SSIS and Excel

Version Control

Git and GitHub

Methodology

Waterfall, Agile and UMLs

COURSES

Informatica Tutorial: Beginner to Expert Level, IDWBI, Udemy

Mar 2025

- Understand **Data Warehouse** Concepts and ETL Concepts.
- Describe **Informatica PowerCenter** architecture & its different components.
- Design workflow, mapping, parameter and variables.
- Gain insight on **SCD, ETL** best practices using Informatica.

Online

HCCDA-Big Data - Huawei Cloud, Huawei

Feb 2025

- Learning core basic Big Data theories and
- Learning basic application development capabilities Based on **Huawei** Cloud MRS.

Online

Data Analysis Track, Datacamp

Jan 2025

- Developing data analytics skills with **SQL, Python**, and **Power BI**.
- Learning to manipulate, analyze, and visualize data in **dashboards**.

Online

CERTIFICATES

Huawei Certified ICT Associate (Big Data)

Foundational knowledge in big data technologies, data processing, and analytics using Huawei's ecosystem.

Scrum Foundation Professional - SFPC™

Entry-level knowledge in Scrum. Fundamental knowledge of Scrum principles and Agile methodologies.

SOFT SKILLS

Stakeholder management | Strong Communication | Presentation | Critical Thinking | Creativity | Flexibility

LANGUAGES

Arabic

Native

English

Professional(B2)

German

Fundamental(A2)

PERSONAL INFORMATION

Military Status: Completed. 