

Mohamed Hamada Hamed

(+966)560803396

(+20)1019348855

mohamedhamada2134@gmail.com

EXPERIENCE

Giza systems— Senior Data Engineer (Feb 2023 -now)

- Working on the migration and integration processes across KSA ministry of interior old system and Kaseware system (case management system used by FBI and various police departments around the world)
- Creating and managing data pipelines to transfer data
- Designing and modeling different data sources
- Creating data profiling scripts to check and ensure data integrity and quality

Etisalat — Senior Data Engineer & data streaming track leader (Jul 2022 -Feb 2023)

- Creating and managing data pipelines to transfer data
- Cleansing and preparing data across various streams using kafka and spark
- Designing data models for different data sources (structured, semi-structured and unstructured data)
- Automating manual processes and creating customized solutions which saved **60% of dev time, 80% of debugging time and 30% of deployment time**
- Leading migration from legacy systems
- Lead, guide, and mentor new hires and juniors
- Taking data ownership, managing different projects acting as data streaming track leader
- Upgrading and enhancing existing processes by installing and integrating new technologies to our stack like (elastic search and airflow)

Vodafone (VOIS) — Big Data Engineer (Apr 2021 - Jun 2022)

- cleansing and preparing data for machine learning models and analytical analysis
- Leading migration from on-premise to GCP
- Defining and maintaining data rules and policies

Ejada — BI & Data Engineer (Oct 2019 - Apr 2021)

- Working at the **Saudi ministry of finance (on-site)** responsible of creating dashboards and reports (using tableau) to facilitate data visualization and decision making, analyzing and extracting trends in the data, creating, monitoring and maintaining ETL jobs
- Worked at **Alinma bank (on-site)** was responsible of analyzing their data warehouse, Then migrate existing dashboards and reports from SAP BO to Tableau

Vodafone (VIS) — AI & Automation Engineer (Oct 2018 - Oct 2019)

- **Top performer for this year**

Responsible of developing chatbots, Worked with integration experts to connect developed functional solutions to the Automations that communicate with back-end systems

Tactful.ai — UI/UX designer (Feb 2018 - Jul 2018)

EDUCATION

Cairo university, Faculty of Engineering, Computer Department

Grade: Very good

Graduation Project

- Text summarizer cross platform app that summarizes articles and blog posts (using NLP techniques).
- Worked on implementing an extractive model using CNN and RNNs to rank all sentences according to their importance

Jul 2018

LANGUAGE

Arabic (Native)

English (Fluent)

TECHNICAL SKILLS

Excellent

Python

SQL

Kafka, Confluent

pandas

Spark

Teradata

Hadoop

Airflow

Database Design

GCP

C++

Good

Power BI, Tableau

Java

Scala

NiFi

Datastage