ESMAEIL ALKHAZMI

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Portfolio — LinkedIn — GitHub

Summary

Data analyst and AI engineer focused on building practical solutions through automation, analytics, and applied AI. Experienced in developing chatbots, dashboards, and data systems that improve daily operations and decision making. Occasionally codes full software and frontend interfaces when projects require end-to-end implementation.

Experience

Head of Data Analysis   Khalifa Holding Group   *Dec 2024 – Present*

- Digitally transformed Noon and other subsidiaries by centralizing reports into Google Workspace.
- Built four Power BI dashboards—company-level for Noon and Albaynah, and operational for fleet and construction projects.
- Supervised three analysts from internship to full-time roles while setting data standards and assisting ERP integration.

AI Engineer & Data Scientist   Tatweer Research & Future Technologies   *Nov 2024 – Present*

- Developed **AskLibya**, the first Libyan financial RAG chatbot using Central Bank reports.
- Built a confidential AI assistant and dashboards for a major bank, enabling insights and financial reporting.
- Produced dashboards for the Ministry of Planning & Central Bank and delivered AI training for interns.

Digital Services Coordinator (Volunteer)   Tanmia360   *Jul 2024 – Present*

- Managed Microsoft 365, hosted platforms, domains, and cloud services across the organization.
- Maintained network, CCTV, and device connectivity, ensuring continuous internal operations.
- Led AI adoption through staff training, supporting Tanmia360's digital transformation.

Freelance Software Developer & Python Developer   *Jan 2024 – Present*

- Created **Qanoun AI**, a Libyan legal RAG chatbot built on tax authority data for easier access to regulations.
- Delivered custom AI and automation solutions, including OCR and image classification systems for local clients.
- Provided tailored training in Python, data analysis, and prompt engineering for students and professionals.

R&D Intern   Rai Labs   *Oct 2023 – Jan 2024*

- Built an environmental monitoring dashboard using the TIG stack (Telegraf, InfluxDB, Grafana).
- Digitized field operations in oil and gas with real-time logbook tools.

R&D Intern   Ampere Smart Systems   *May 2023 – Jul 2024*

- Created sensor-integrated dashboards with real-time analytics.
- Connected a VSD controller over LoRaWAN using the Modbus protocol.

Certifications

Dell Technologies (Data Scientist & Big Data, GenAI) — Meta (Python, DB, Version Control, Back-End)
DataCamp (Prompt Engineering, Power BI) — 365DataScience (AI, LLMs, Data Science) — Sololearn (Python, Angular, Coding for Data)

Education

B.S. Electrical and Electronics Engineering   *GPA: 3.71*
University of Benghazi, Libya   *Graduated 2023*

Honors & Activities

Published three research papers, — Graduated with honors — Huawei Seeds for the Future
Soliya Connect Express — National Tech Day Speaker
Developed multivariable calculus app (Google Play) — Led Prompt Engineering workshops (GDSC, Expo 101)