

ESMAEIL H. ALKHAZMI

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Portfolio — LinkedIn — GitHub

Summary

Data Analyst and AI Engineer with expertise in software development and digital transformation. Experienced in leading end-to-end initiatives—from AI-powered tools and intelligent dashboards to process automation. Passionate about building impactful systems that solve real-world problems and advancing digital innovation in Libya and beyond.

Experience

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

- Built **AskLibya** (public RAG chatbot) and **AskWahda** (internal banking assistant) for Libyan financial data.
- Delivered interactive dashboards for the Ministry of Planning and Central Bank (e.g., documentary credits, economic trends).

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

- Created KPI systems and Power BI dashboards for multiple group companies (e.g., Noon, Albaynah, Eabr Al-Alam).
- Mentored two interns into full-time analysts; introduced AI voiceover tools for multilingual media.

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

- Managed org-wide tech support: Microsoft 365, networks, internal platforms, cloud QA.
- Conducted internal trainings on prompt engineering and AI tools.

Freelance Software Developer & AI Specialist *Jan 2024 – Present*

- Built OCR pipeline (Flask + AWS) to convert handwritten tables into structured CSV files.
- Developed ML-based image recognition tools; redesigned voucher UI for a bank.
- Provided personalized training in Python, data science, and prompt engineering.
- Led data cleaning/classification for client analytics projects.

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

- Built an environmental monitoring dashboard using the TIG stack (Telegraf, InfluxDB, Grafana).
- Digitized field ops in oil/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 with 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

IEEE ICSC 2023 Presenter (LoRaWAN IoT) — Graduated Top 5 — Huawei Seeds for the Future
Soliya Connect Express — National Tech Day Speaker: “Smart Benghazi”
Published multivariable calculus app (Google Play) — Led Prompt Engineering workshops (GDSC, Expo 101)