

ESMAEIL H. ALKHAZMI

ealkhazmi@gmail.com — +218 92-458-4263 — Benghazi, Libya
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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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)