

KOUTAIBA DIAB

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PROFILE

AI Engineer & Backend Developer with hands-on experience deploying ML models and building scalable backend systems. Skilled in Python, FastAPI, and Spring Boot, with a strong track record of delivering real-world projects from prototype to production.

EDUCATION

B.S. Computer Science – Global University, Beirut | Sep 2022 – Dec 2025

EXPERIENCE

Backend Developer Intern – Ogero, Beirut | Jul 2025 – Sep 2025

- Designed & implemented REST APIs (Java 17, Spring Boot, Spring Data JPA)
- Built full-stack employee management system
- Worked on oracle database , go lang for backend for a ticketing system for ogero

Backend & Mobile Developer Intern – XpertBot, Estonia | May 2024 – Sep 2024

- Developed REST APIs & Laravel MVC backend, MySQL integration
- Built Flutter UIs; final product deployed to Play Store & App Store

Customer Service Specialist – Alwan, Beirut | Sep 2022 – Present

- Problem-solving, client relations

CERTIFICATIONS

- **Cisco:** Introduction to Data Science (Mar 2024)
- **Cisco:** Python Essentials 2 (Mar 2024)
- **Cisco** CCNA R&S (Jan 2024) – IP subnetting, switching, security, IP services
- **Cisco:** IT Essentials (Jan 2023) – Hardware, OS, troubleshooting

TECHNICAL SKILLS

Languages: C#, Python, Java | **Frontend:** HTML, CSS, JS | **Databases:** SQL Server, ORACLE DB , PostgreSQL | **Mobile:** Flutter, Swift | **Frameworks:** ASP.NET Core, FastAPI, Laravel, TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, Matplotlib, langchain | **Specialties:** Backend Development, AI/ML Engineering

PROJECTS

- **Personal Chatbot Digital Twin** – Modern JavaScript frontend + Python+ RAG system + LangChain + ChromaDB, powered by LLMs to provide detailed, context-aware, and first-person responses about me (<https://github.com/koutaiba141/Book-Recommendation-System->)
- **Book Recommendation System** – Gradio frontend + HuggingFace embeddings + LangChain + ChromaDB, semantic & emotion-based recommendations for 5k+ books (<https://github.com/koutaiba141/Book-Recommendation-System->) (<https://huggingface.co/spaces/KoutaibaDiab/Book-Recommendation->)
- **Diabetes Prediction Website** – FastAPI + JS frontend, trained Random Forest model (PIMA dataset), real-time predictions (<https://diabetes-predictor-koutaiba.netlify.app/>)
- **Siyaha Plus App** – Laravel tourism app (https://github.com/koutaiba141/siyaha_plus)
- **Real-Time Face Authentication System** – Python (PyQt6, OpenCV, face_recognition), SQLite, live recognition (https://github.com/koutaiba141/face_authentication)
- **Admin panel web page** – Spring boot (Restful apis, authentications, Ip restrictions, login attempts restrictions , connection restrictions , jwt tokens), React.js(login , dashboard , roles , permissions , employees , hierarchy tree , Ip management pages) (https://github.com/koutaiba141/Admin_panel)
- **Whisper of oud**– perfume e-commerce website (<https://whisper-of-ouf.vercel.app/>)

ADDITIONAL SKILLS

Languages: English, Arabic | **Microsoft Office Suite** | **Soft Skills:** Communication, Problem-Solving, Teamwork, adaptability