

Karim Doueik

Beirut, Lebanon

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SUMMARY

Detail-oriented software developer with a growth mindset, recognized for adaptability, collaboration, and a relentless commitment to delivering results that exceed expectations

EDUCATION

University Antonine (UA)

- Computer Science SEPT' 23-DEC. 25

EXPERIENCE

GenFusion-AI

Backend/Prompt Engineer

JUL' 24 – FEB. 25

- **RAG System Implementation:** Designed and implemented Retrieval-Augmented Generation (RAG) systems to enhance AI-driven workflow automation.
- **AI-Powered Automation Solutions:** Worked extensively with **Quarkus** and **Serverless Workflows** to develop AI-driven **Workflow automation**.
- **Vault Integration:** Implemented CRUD operations for secure secret storage in **HashiCorp Vault DB**, leveraging **Quarkus Security** and **CDI** for seamless integration and multi-tenant secret management with structured access control.

Bank Audi

IT Operations Control Intern

JAN' 24 – SEPT. 24

- Implemented security tools such as SIEM, EDR, BeyondTrust and OBM.
- Simulated cyber-attacks and penetration testing to identify vulnerabilities.
- Facilitating, cleaning and analyzing data collection by integrating RPA with Oracle FlexCube Core Banking Application.

PROJECTS

- Implemented an e-commerce system with Laravel and React TS, featuring multi-store creation, inventory management, and end-to-end checkout
- Developed a full-stack mobile coaching platform with React Native, Spring Boot, Docker, and Firebase, integrating AI features for personalized nutrition, training insights, and conversational support.
- Designed and implemented an ALPR system in Python (OpenCV, TensorFlow/Keras) with MySQL-backed plate tracking and results management, plus a web-based admin dashboard for live monitoring, search, and reporting.

EXTRACURRICULAR ACTIVITIES

- Ranked 1st in the AUB (American University of Beirut) Innovation Park Tech for Accessibility.
- Ranked 1st nationally and 2nd Regionally at AUF's AI Hackathon.

LANGUAGES

Arabic (Native); **English** (Proficient); **French** (Elementary);

SKILLS

- Technical Skills: PostgreSQL, Oracle PL/SQL, MongoDB, MySQL, React, React-Native, Fast API, Spring, Laravel, Quarkus, Docker, SonataFlow, Swagger OpenAPI, PostgreSQL, Flyway, Vault DB, Java, C++, Python, PHP, JavaScript.
- Soft Skills: Problem Solving, Communication skills, teamwork, flexibility, and time management.