

Abed Al Majeed Kanso

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Beirut, Lebanon

EDUCATION

Bachelor of Science in Computer Science **Lebanese American University** – Beirut
2021 – 2024 · *Graduated with Distinction*

EXPERIENCE

Lyst Technologies - Software Engineering Intern

Jan 2026 – April 2026

- Worked with **Synergies**, the **fintech** platform developed by Lyst Technologies, to **analyze** and resolve **client** related issues
- Achieved better understanding about **financial services** and **Spring** application architecture
- Participated in **team meetings** and **code reviews** to ensure code quality and alignment
- Contributed to **design** and **functional** improvements in clients' pages by adding or modifying requested features
- Tested clients' pages **manually** and validated API endpoints using **Postman**

LFAIT SARL - Software Engineer

Feb 2025 – May 2025

- Contributed to the **system design** and led requirements gathering for **FirstBank**, a money transfer platform
- Implemented core backend features using **Laravel** and tested APIs with **Postman**
- Deployed the first version to a development domain using **cPanel**

Creoshift - Back End Development Intern

Oct 2024 - Dec 2024

- Built a secured API to manage passengers and flights, applying **Bearer token authentication** and **RBAC**
- Gained experience in **Laravel**, **MVC**, **AWS S3**, API routing, and **Postman/PHPUnit** (API and unit testing)
- Contributed to a **Deep learning visual search project**, working with **TensorFlow**, **Keras**, and **Pandas**

Integrated Digital Systems (IDS) - Software Engineering Intern

Aug 2023 - Oct 2023

- Gained more experience in **PHP development**
- Developed an IDS Academy program web application using Bootstrap, JavaScript, **JQuery**, **Ajax**, **PHP**, and **MySQL**

PROJECTS

JobOps Personal Project: A lightweight system designed using Django where internal teams (Sales, Technicians, Admins) manage and track operations through job flows, multi-step tasks, and linked assets (equipment or tools). The project includes authentication via cookies, use of Guardian for proper RBAC and permission distribution, and celery job scheduling.

Cryptocurrencies Tracker Personal Project: Developed a Flask-based API that provides real-time cryptocurrency prices for multiple coins in multiple currencies. It fetches live data from the **CoinGecko public API**, and returns a clean, structured JSON output suitable for web or mobile applications. The API is ideal for financial dashboards, trading apps, or portfolio trackers.

Centralized Ticket System Personal Project: Developed a centralized ticket system designed to integrate various ticket systems used by one company or one individual for different purposes across large teams, while ensuring that all tickets are stored in a single place. The platform is built using **Spring Boot**, **MySQL**, **tailwind CSS**, **React**, and, **Next.js**, supporting the following features:

- Implemented **near-real-time** ticket handling using **WebSockets** and integrated Slack via **Webhooks**
- Hosted the backend on **AWS EC2** and connected to **AWS RDS**. Ticket attachments are stored in **AWS S3**, and **Cloudflare** is used for secured connections. Deployed the frontend on **Vercel**
- Achieved security and authentication using **Spring Security**, **cookie-based authentication** (with the generation of access and refresh tokens, check-auth and refresh-auth checks), **rate limiting**, and **RBAC**
- Both frontend and backend codebases can be accessed in my GitHub account (more explained with setup)

Full-Stack Java Developer Course with Spring Boot Projects: Developed several projects with Spring Boot (IntelliJ IDEA), React, and MySQL. Gained experience with Spring dependency management, IOC, Spring JPA, IOC, Hibernate, Spring Security, JWT authentication in Spring Boot, OOP, and RBAC.

IBM Data Science Professional Specialization Projects: Developed several projects on data science fundamentals including:

- Data Analysis (data wrangling, preprocessing, indexing, and filtering)
- Machine Learning (polynomial regression, ridge regression, and decision trees)
- Data Acquisition & Processing (Web Scraping, JSON data processing, and data insights extraction and analysis)

CERTIFICATES

- Udemy: Full-Stack Java Developer Course with Spring Boot 4 & React – *Nov 2025*
- IBM Data Science Professional Specialization – *Feb 2025*

SKILLS

Programming languages: Python, C, C#, Java, JavaScript

Operating Systems: Windows, Linux, and bash scripting

Front End: HTML, CSS, Bootstrap, React, Next

Back End: Laravel, Express.js, Django, Flask

Development Tools and Deployment: Git/GitHub, Docker, ngrok, AWS, Vercel, Render, cPanel

AI Tools: ChatGPT (OpenAI), Claude, Gemini, Microsoft Copilot, GitHub Copilot, Lovable

Testing Tools: Postman, Swagger, unittest, PHPUnit, unittest, JUnit

Database Build and Design: SQL, NoSQL, MySQL, MongoDB