

Lynn Haydar

LLM & AI Systems · Full Stack Developer

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PROFILE

Full stack developer with hands-on experience in Java OOP, relational databases, and REST API design — across academic projects and production internship work. Has built multi-role systems, debugged enterprise ML pipelines on real banking data, and delivered clean, maintainable code under client constraints. Comfortable across the full development lifecycle from requirements gathering to deployment, and picks up new frameworks fast.

EXPERIENCE

AI/ML Engineer Intern · FlexBox AI — Dubai (Remote)

06/2024–07/2024 | 01/2025–02/2025

- Developed ML models for sentiment analysis, sales prediction, and banking dataset classification in Python; engineered data pipelines with web scraping and preprocessing; built interactive visualizations on WordPress — delivering production work for an international client from day one.
- Trained and evaluated ML models on a labeled banking dataset in Python; built React.js dashboards to visualize and plot model outputs; rehired reflecting consistent delivery for an international client.

AI Solutions Developer (Freelance) · FlexBox AI — Dubai (Remote) 08/2024

- Selected by CEO to independently design and deliver AI workflow training for bank employees : created the curriculum from scratch, taught practical AI usage in Excel and daily workflows, and translated complex AI concepts into tools non technical staff could apply immediately; built a Botpress banking chatbot and automated workflows using Power Automate.

EDUCATION

Antoine University — B.Tech Computer Science

09/2023 – 06/2026

42 Beirut — Systems & Low Level Programming · *Autonomous learning, peer code review, low level systems*

Admitted Oct 2025

SKILLS

Languages	Java (OOP, JavaFX, Collections, Exception Handling) · Python · C · C++ · C# · PHP Laravel · JavaScript · SQL
Backend	ASP.NET Core · PHP Laravel · REST APIs · JWT Auth · MVC · Repository Pattern · Dependency Injection
Cloud/DevOps	Microsoft Azure · Azure DevOps · CI/CD Pipelines · Azure Functions · Key Vault · Git · GitHub · Agile/Scrum
Databases	PostgreSQL, MySQL, MongoDB, SQL, PL/SQL, EF Core, Database Design
Frontend	React.js, Next.js, React Native (Expo), JavaScript, HTML5, CSS3, Tailwind CSS, Bootstrap, Figma
AI	Prompt Engineering · Claude Code (CLI) · GitHub Copilot
Systems	Linux , Bash Scripting, C, C++, Virtual Machines

PROJECTS

Padel Shop E-Commerce System

Java · JavaFX · SQL, MySQL

Built a multi-role Java desktop e-commerce system (Admin and Customer) with full CRUD and a MySQL backend designed entirely from scratch — every table, relation, and constraint modeled and implemented. Applied OOP principles, modular class design, exception handling, and produced full UML documentation.

Mini Jira

ASP.NET · React · C# · PostgreSQL

Built a full Jira-like sprint and Kanban system with cleanly separated Controllers, Services, and Repositories as distinct layers — with dependency injection wiring them together. Policy-based JWT auth enforces strict role separation across Admin, PM, and Developer across 15+ REST endpoints consumed by a React frontend with centralized Axios token handling.

CivicPortal — E-Services Management Platform

PHP Laravel · MySQL

Full-stack civic tech platform digitizing government services across 3 roles — with RBAC, 2FA, QR request tracking, appointment scheduling, document automation, and real-time notifications, all in a Laravel MVC backend.

LibanAid

Python · Scikit-learn · FastAPI · React

NGOs had no data driven tool to prioritize displacement response. Trained a Random Forest on 17,500+ ACLED conflict events (81% accuracy) using BallTree geospatial joins for proximity features. K-Means on IOM DTM data (silhouette 0.616) segments districts by overcrowding risk. Three live decision tools deployed via FastAPI and React. Live: liban-aid.vercel.app.

Cloud Azure

Azure · CI/CD · DevOps

Provisioned a complete production-grade Azure stack solo : VM, Web App, SQL Server, Storage, Azure Functions, Key Vault : with a self-hosted DevOps agent running end-to-end CI/CD pipelines. Structured 45+ test cases in Excel and executed them via Azure Test Plans to validate deployments before release

HONORS & CERTIFICATIONS

Nvidia Deep Learning Certificate

07/2025

Letter of Recognition — Antonine University · Academic Excellence

EXTRACURRICULAR

IEEE Member — Antonine University

LANGUAGES

Arabic (native) · English (fluent) · French (fluent)