

# Hala Kanso

## Backend Web Developer

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## PROFESSIONAL DEVELOPMENT

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### Scalable E-Commerce Application | Internship

Beirut, 2025

Build a production-ready backend application with a 3-tier layered architecture, designed for enterprise use cases. The project follows domain-driven design principles within a clean, modular, and layered architecture. It is fully tested with high coverage and integrates CI/CD pipelines for streamlined development and deployment .

### Backend Developer (Team Project) | Techlarious Academy

Beirut, 2025

*Project: Mental Health Check Platform*

**Tech stack:** Node.js, Express.js, REST API, MongoDB

- Collaborated with a team from Techlarious Academy to build a mental health check web application.
- Developed the backend using **Node.js** and **Express**, following **MVC layered architecture**.
- Implemented **RESTful APIs** for data handling and communication with the frontend.
- Structured the backend as an independent module (no view layer) to maintain separation from the frontend.
- Integrated **MongoDB** for secure data storage and optimized database queries.

## PROJECTS

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- **Restaurant Website:** Developed user and admin interfaces using HTML, CSS, JavaScript, and PHP.
- **Shop Management System:** Created database, procedures, triggers, functions, and web application for user and admin sides with SQL Server and MySQL.
- **Song Voting System:** Developed a GUI application using JavaFX. (Teamwork)
- **Send and Browse CV:** Built a web application using ASP.NET Core 5

## LANGUAGE

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- Arabic (Native)
- English (Fluent)

EDUCATION

Lebanese University	Beirut, Lebanon
<ul style="list-style-type: none"><li>Bachelor of Science, Computer Science</li></ul>	2020 - 2024

TECHNICAL SKILLS

- Languages & Frameworks:** HTML, CSS, JavaScript, TypeScript, PHP, Node.js, Express.js, Java,
- Databases:** MySQL, SQLite, PostgreSQL.
- Principles & Best Practices:** SOLID, Design Patterns
- Tools:** Git, GitHub, Visual Studio Code, Postman, Linux, AWS (basic knowledge).
- Testing & Automation:** Google Search Console, Jest.
- Logging & Monitoring:** Winston
- Word, Excel, PowerPoint, Google Meet, Zoom, Microsoft Teams

CERTIFICATIONS

**Software Engineering Excellence Program |SE2 – Issued April 12, 2025 | Certificate ID: cert-12e39643d**  
Covered Clean Architecture, Scalable Backend Design, Testing Best Practices, DevOps Basics