

Joanna MOUSSA

Full-Stack Web Developer

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 [GitHub](#)

 [LinkedIn](#)

PROFESSIONAL EXPERIENCE

Full-Stack Web Developer – [Louise](#)

Mars 2024 – July 2025

- Contributed to the development and maintenance of a web platform for fertility clinics, delivering end-to-end features using **Next.js** (frontend) and **Express.js** (backend).
- Translated Figma designs into pixel-perfect UI components using **Tailwind CSS** for styling.
- Designed and implemented relational database schemas, handled migrations with **Drizzle ORM**.
- Developed and enhanced **backend APIs** to support new features and improvements.
- Developed **integration tests** with **Vitest** to validate full API request-response cycles.
- Conducted **code reviews** for interns and upheld best practices with constructive feedback.
- Operated in an **Agile environment**, with **sprint planning**, daily **stand-ups**, and feature **demos**.
- Maintained **daily code commits** to support CI/CD workflows and consistent team delivery.

PROJECTS

CourseMedia – Full-Stack Online Courses Platform ([Code](#) | [Demo](#))

- Built with **Python/Django** (backend), **Django ORM** (database), and **HTML/CSS/JS** (frontend), featuring user authentication, role-based access, course/quiz creation and certificate generation.

FoodDelivery – Front-End Online Grocery Store ([Code](#) | [Demo](#))

- Built in **JS/React** with **Client-Side Routing**, **Firebase** (data storage), **TanStack Query** (data fetching) and **Framer Motion** (animation), featuring product browsing and cart management.

EDUCATION

React - The Complete Guide — Udemy ([Certificate](#))

August 2023 – December 2023

- Mastered core and advanced React concepts (**states**, **hooks**, **custom hooks**, **portals**, **side effects**), and key libraries including **Redux**, **React Router**, **TanStack Query**, and **Framer Motion**.

HarvardX: CS50's Web Programming with Python & JavaScript — edX ([Certificate](#))

December 2022 – July 2023

- Gained deep **Django** expertise along with front-end skills (**JavaScript**, **CSS**), database design (**SQL**, **Django ORM**), API development, and key **scalability** concepts.

Master in Functional Genomics and Proteomics — Saint Joseph University, Beirut

September 2018 – July 2020

- Grade: 84.83/100 • Rank: 2/15

SKILLS

Front-End: HTML, CSS, Tailwind CSS/Bootstrap, Next.js, Zod, React (React Hook Form, TanStack Query, React Router, Redux, Framer Motion).

Back-End: Express.js, Django, Drizzle ORM.

Testing: Vitest.

Programming Languages: JavaScript/TypeScript, Python, C++, SQL.

Tools & Platforms: Git, Docker, DataGrip, PostHog, Postman, VS Code.

LANGUAGES

- Arabic – Native
- French – Bilingual
- English – Fluent
- Italian – Intermediate