

# Joanna MOUSSA

Full-Stack Web Developer

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 [GitHub](#)

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## 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.

### FooDelivery – 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