

LARA MOHTI

SOFTWARE ENGINEER

+961 76600450 | laramohti@gmail.com | Beirut, LEB | <http://linkedin.com/in/lara-mohti>

CAREER SUMMARY

Frontend-focused **Software Engineer** with a **master's in computer & communications engineering** and a published background in AI research. I bridge the gap between creative UI/UX design and robust, production-ready code. Expertise in building high-performance **Next.js** and **Angular** applications, complemented by a strong **QA background** in Playwright E2E testing and manual bug tracking. Dedicated to delivering seamless, accessible user experiences backed by rigorous automated testing and clean documentation.

WORK EXPERIENCE

Frontend Engineer | Sormena International 2024- Present

- Built and optimized Frontend Web Application and UIs using **Next.js** and **TypeScript**, focusing on performance and responsiveness using **SCSS** and **Tailwind**.
- Conducted manual **QA** testing, identified bugs, and managed issue tracking through **Jira**.
- Documented APIs and frontend functions using **Confluence** for clear team communication.
- Implemented and executed **Playwright End to End testing** to ensure reliability across user workflows.
- Maintained version control and collaborated effectively using **Git**.
- Translated **Figma** Designs to clean code and projects.

Software Developer | ITXI, Beirut Lebanon 2023- 2024

- Developed and maintained responsive web applications using the **Angular** with **TypeScript**, **CSS**, and **SCSS** for styling and component architecture.
- Implemented comprehensive automated testing solutions, including **QA unit tests** in **TypeScript** and End To End testing with **Playwright** to ensure application reliability and performance.
- Created detailed technical documentation for frontend components and functions using **Confluence**, ensuring clear knowledge transfer and maintainability.
- Managed version control and collaborated effectively with cross-functional teams using **Git** for streamlined code management and integration.
- Worked in **Linux (Ubuntu)** environments, managing system configurations and development workflows, while gaining hands-on experience with **Docker** for containerized application deployment and environment consistency.

Frontend Developer Internship | FOO, Beirut Lebanon 2023

- Assisted in the development of web applications using **Angular**, **TypeScript** and **SCSS** contributing to frontend implementation and user interface enhancements.
- Developed and integrated **RESTful** APIs using **Laravel** and **PHP**, expanding full-stack development expertise and backend capabilities.
- Built a complete full-stack e-commerce application utilizing **Laravel** for backend services and **Angular** for the frontend interface.
- Utilized **Postman** for comprehensive API testing, debugging, and validation to ensure endpoint functionality and reliability.
- Managed code versioning and collaborated effectively with development teams through **GitLab** for version control and project coordination.

EDUCATION AND CERTIFICATION

MS Computer and Communications Engineering | Lebanese International University 2025

- *Published Research:* Conducted research on "**Fine-Tuned Multi-Model AI Assistance System: A Case Study on LIU,**" published in the **IEEE Xplore Digital Library**.
- The study explores multi-model AI architecture and their practical applications in educational contexts.
- Publication Link: <https://ieeexplore.ieee.org/document/11189922>

BS Computer and Communications Engineering | Lebanese International University 2023

- GPA: 3.6
- Senior Project: Salon Management System

SKILLS

- **Frontend Development:** Angular, React.js, Next.js, Tanstack, TypeScript, JavaScript, HTML, SCSS
- **QA Skills:** Playwright
- **Backend Development:** Node.js, Laravel, Python, Java
- **Database & Tools:** SQL, Postman, Playwright
- **Version Control & Collaboration:** Git, GitLab, Jira, Confluence
- **Systems & DevOps:** Linux (Ubuntu), Docker,
- **Strong communication and teamwork abilities** • Fast learner with adaptability to new technologies • Effective under pressure with proven ability to meet tight deadlines • Excellent documentation and knowledge-sharing practices