

Cynthia Nahle

AI and Full Stack Developer

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EDUCATION

Computer Science BSc, Le Cnam Liban, Beirut; 2022 - 2025

42 Beirut; 2024-2025

EXPERIENCE

Software Development Intern, Youth4Governance, Siren Analytics; January 2025 - May 2025

- Developed AI agents for the Ministry of Interior and Municipalities using Python, FastAPI and AutoGen to automate public service responses.
- Built a real-time quarry permit management system for the Ministry of Environment using Angular, Spring Boot, PostgreSQL, and SCSS.
- Integrated OpenAI with RabbitMQ and Google Sheets to orchestrate multi-agent flows and data persistence.

Full Stack Development Intern, LeadByTech; March 2023 - Oct 2023

- Designed and implemented complete websites using HTML, JavaScript, React and Node.js.
- Collaborated on client-focused applications, from layout design to dynamic functionality and deployment.

KEY PROJECTS

Custom Unix Shell - C Language

- Created a full-featured shell from scratch in C, handling built-in commands, pipelines, redirections, and signal handling.

AI Assistant for Government Use Cases

- Designed intelligent agents capable of interpreting commands and interacting with ministries' data systems.

End-to-End Quarry System

- Developed a full-featured permit submission and validation platform using Angular, Spring Boot and PostgreSQL for governmental use.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Java, C, SQL

Frameworks: Angular, React, Spring Boot, FastAPI, Node.js

Tools & Platforms: Docker, Git, RabbitMQ, Google Cloud, OpenAI API

Databases: PostgreSQL, MySQL

Others: SCSS, REST APIs, Webhooks, Agile, JSON Schema, CI/CD

CERTIFICATIONS

React and ASP.NET Core: Demonstrates front-end and back-end web development skills.

Ethical Hacking: Highlights security knowledge and vulnerability awareness.

Front-End Development: Proficiency in HTML, CSS, and JavaScript for user-facing applications.

Udemy Courses: Machine Learning, Data Analysis, and Python programming with TensorFlow and Pandas

LANGUAGES

Arabic: native

English: fluent

French: intermediate (B2 Certified)

References Available Upon Request