

Mohammad Zmeter

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Objective

Motivated Junior Full Stack Developer with practical experience in building robust web applications using Spring Boot, Laravel, Angular, and React. Proficient in Python and knowledgeable in Agentic AI systems, with a growing interest in developing intelligent, autonomous applications. Eager to contribute to innovative projects by combining strong backend and frontend skills with emerging AI technologies, while continuously learning and evolving as a developer.

Work Experience

**Jan2025 –
Present**

Full-Stack Developer Internship

Siren – Beirut Digital District, Beirut Lebanon

- Collaborated with cross-functional teams to develop and maintain full-stack web applications using Spring Boot, and Angular on the frontend.
- Contributed to building user interfaces that enhanced user experience and accessibility.
- Assisted in the design and implementation of RESTful APIs, ensuring smooth integration between frontend and backend services.
- Participated in Agile ceremonies including daily stand-ups, sprint planning, and code reviews.
- Wrote clean, maintainable, and well-documented code, and helped troubleshoot bugs and performance issues.
- Gained hands-on experience in deploying applications and working with version control systems like Git.
- Explored and contributed to experimental features involving Agentic AI concepts and Python-based automation tools to enhance system capabilities.

Projects

**Jan2025 –
Present**

Main Projects in Siren

- **Quarries:** a government project developed for the Ministry of Environment and used by the Ministries of Finance and Justice. The system uses **Google Maps imagery** to detect and track unauthorized quarry activity by comparing current satellite photos with historical images. Helped develop both frontend and backend components using **Spring Boot and Angular**, and contributed to integrating **AI-based image comparison** to automate detection and store results in a centralized database.
- **Y4g Agentic:** a web-based platform that enables users to create and manage intelligent agents through a visual interface. These agents can be configured to perform various tasks such as **sending and reading emails**, accessing **WhatsApp** or **Outlook**, and **scheduling meetings**.

Leveraged **AutoGen** to build customizable, multi-agent workflows that respond to user inputs and execute complex actions autonomously. Worked across the full stack using **Python**, integrating automation features with secure backend logic and an intuitive frontend, making **Agentic AI** accessible and practical for real-world use.

- Siren Map: a library that allows users to draw specific locations on an interactive map. This tool converts user drawings into precise **location coordinates** and stores them securely in a database for easy retrieval and analysis. Focused on creating a seamless user experience with an intuitive mapping interface, while ensuring accurate data handling and storage to support location-based applications.

Education

2021 - 2024

Bachelor's Degree in Computer Science

Lebanese International University – Beirut, Lebanon.

Certificates

FreeCode Camp

JavaScript Data structures and Algorithms
Front-End Libraries

Meta - Coursera

Foundations of Cybersecurity - [See Certificate](#)

APIs - [See Certificate](#)

Create a website using WordPress - [See Certificate](#)

Django Web Framework- [See Certificate](#)

Introduction to Databases for Back-end - [See Certificate](#)

Version Control - [See Certificate](#)

Programming in Python- [See Certificate](#)

Introduction to Back-end development - [See Certificate](#)

Cisco

Introduction to Cybersecurity

CCNA2

CCNA1

Introduction to computers

Computer Skills

- IDEs/Tools: Microsoft Visual Studio/Code, IntelliJ IDEA.
- Database: MySQL, SQLite, PostgreSQL.
- Languages: HTML, CSS, JavaScript, Java, Python, C#, C++, PHP.
- Frameworks: Laravel, Spring boot, Angular, React, Autogen.
- Version Control: Git, GitHub Workflow.

Skills

- Good communication skills.
- Team worker (supportive, organized, open-minded, helpful, honest).
- Fast learner, reliable, hardworking, comfortable working with all personality types.
- Problem solving.

Languages

- Arabic – Mother Language.
- English – Very Good Written and Spoken.