

AYMAN HAMAD

(+961) 81 263767 ◊ Beirut, Lebanon

aymanhamad200@gmail.com ◊ [Linkedin](#) ◊ [Github](#)

SUMMARY

Computer Science graduate from the Lebanese University, currently pursuing an M2 in Software Engineering. Focused on backend and full-stack web development with hands-on experience in Spring Boot, React, and RESTful API design. Eager to contribute to impactful projects and grow within a collaborative engineering team.

EDUCATION

Master of Software Engineering , Lebanese University	2024 – 2026
Bachelor of Computer Science , Lebanese University	2020 – 2024

SKILLS

Programming Languages	Java, JavaScript, C, C#, PHP
Front-End	HTML, CSS, React, Redux
Back-End	Spring Boot, Spring Security, Spring Data JPA, Node.js (Express), WSO2 integrator
Databases	MySQL, SQL, NoSQL, PL/SQL
CS Fundamentals	Object-Oriented Programming (OOP), Design Patterns, DSA
Testing & API Tools	Postman, Swagger, Unit Testing, End-to-End Testing
Dev Tools	Git, GitHub
Operating Systems	Windows, Linux
Soft Skills	Teamwork, Organization, Communication, Adaptability
Languages	English, French, Arabic

EXPERIENCE

Software Engineering Intern Capital Banking Solutions	June 2026 – Present <i>Hazmieh, Lebanon</i>
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- Completed technical training in PL/SQL, Spring, Spring Boot, Spring Data JPA, and WSO2 integration technologies.
- Developed an understanding of the company's solution architecture, banking systems, payment types, and payment-processing workflows.
- Produced technical documentation for a legacy application using AI-assisted tools to analyze its architecture, functionality, and existing codebase.
- Researched alternatives to Dialogflow for developing an LLM-based banking assistant using free and open-source frameworks and models.
- Evaluated open-source agent frameworks based on intent recognition, entity extraction, response generation, Spring Boot integration, and local deployment capabilities.

Software Engineering Intern Lyst Technologies	Jan 2026 – April 2026 <i>Dekwaneh, Lebanon</i>
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- Gained a strong understanding of financial services and Spring application architecture.
- Participated in team meetings and code reviews to ensure code quality and alignment.
- Implemented UI and functional enhancements on client-facing pages by adding and updating requested features.

PROJECTS

- **Shopping App.** Developed an e-commerce backend using Spring Boot and MySQL with secure authentication, product management, shopping cart, and order processing. Implemented JWT-based security and RESTful APIs. ([GitHub](#))

- **Banking Application.** Built a Java Spring Boot application supporting account management and transaction processing. Implemented automated bank statement generation and email delivery services. ([GitHub](#))
- **Restaurant Ordering System.** Contributed to a group web application for online ordering and table reservation. Developed using React and Django. ([GitHub](#))

CERTIFICATES

- Full Stack Open (University of Helsinki): Modern web development with React, Node.js, and RESTful APIs.
- Java Programming I & II (University of Helsinki): Core and advanced Java, OOP, collections, and software design.
- CS50x — Introduction to Computer Science (Harvard): Foundations of computer science, algorithms, data structures, and programming.