

Nader Zalzaly

Software Developer

Beirut, Lebanon | +961 81 17 10 25 | ndrzalzali@gmail.com | [LinkedIn](#)

PROFESSIONAL SUMMARY

Recent Computer Science graduate with hands-on experience in full-stack web development using Java, Spring Boot, ASP.NET and React. Passionate about coding, problem-solving, and exploring Artificial Intelligence to integrate intelligent features into modern applications. Eager to contribute to a forward-thinking team and grow as a developer.

WORK EXPERIENCE

Software Engineer

Lyst Technologies

September 2025 – Present

Beirut

- Develop and maintain backend services and **REST APIs** using **Java** and the **Spring Boot** Framework to support front-end and system integrations.
- Work with senior developers to design, optimize, and debug microservice-based components, ensuring seamless integration across services
- Work with **MuleSoft** to connect services and automate data exchange between applications.
- Design and maintain **database queries** to support application functionality and reporting needs.
- Create and customize **client reports** using **Eclipse BIRT** for data visualization and presentation.

Full Stack Web Developer Intern

Mentis Nation

August 2024 – October 2024

Beirut

- Built scalable web solutions, handling backend logic using **Spring Boot** and frontend pages with **Thymeleaf**.
- Designed and maintained relational database schemas to support structured and efficient data management.
- Integrated external APIs and software libraries to expand system capabilities.
- Tested and validated **REST APIs** using **Postman** to ensure reliable performance and accurate data exchange.

PROJECTS

MUCPMS

- Built a centralized platform to manage the entire capstone journey by designing the database schema in **MySQL**, developing REST APIs with **Spring Boot**, and creating interactive frontend pages using **Thymeleaf**, streamlining processes and replacing scattered tools.
- Increased efficiency by integrating task management, grading, meeting scheduling, project tracking, and note-taking into one system, significantly reducing time and effort for both students and instructors.
- Added advanced features such as GitHub-based idea suggestions and chatbot-powered idea generation to support project success.
- Automated project report generation, enabling one-click creation of pre-filled documents, **reducing reporting time by an estimated 50–60%** per project across potentially hundreds of projects.
- **Contacted by the university for potential deployment; currently collaborating with faculty to prepare the system for official rollout.**

MovAie

- Led a team of 5 students to design and develop a content-based movie recommendation model from scratch, including dataset acquisition, cleaning, and preprocessing using **Python**, **Pandas**, and **NumPy**.
- Engineered features and implemented similarity-based algorithms to generate personalized movie suggestions.
- Built a **Flask API** to serve recommendations and integrated it with a **MERN stack** frontend and backend.
- Integrated **external movie APIs** to fetch posters, and ratings alongside AI-generated recommendations.
- Designed a responsive, user-friendly interface enabling real-time search and recommendations, combining **machine learning** with **modern full-stack web development** practices.

NadeResto

- Developed a dynamic and responsive restaurant website utilizing **ASP.NET MVC**, featuring seamless menu browsing, interactive feedback mechanisms, and secure user authentication.

- Developed efficient **MySQL** database processes supporting customer data management.
- Implemented role-based access control to tailor user operations and ensure robust authorization protocols.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, C#, C++, Python, SQL
Frameworks & Libraries: Spring Boot, ASP.NET, React, Thymeleaf, Express.js, Node.js, Flask, Pandas, Scikit-learn, Bootstrap, Tailwind CSS
Databases, Tools & Methodologies: MySQL, PostgreSQL, MSSQL, MongoDB, Git, Postman, Agile Methodologies

EDUCATION

- | | |
|--|----------------------------|
| • B.S in Computer Science, AL-Maaref University | September 2022 - June 2025 |
| • Ai & Machine Learning Bootcamp, SprintOS | July 2025 - August 2025 |