

## Rawan Bazzi

rawanbazzi@hotmail.com | +961 71923144 | [Rawan Bazzi](#) | [LinkedIn](#)

### Professional Summary

Computer and Communications Engineering graduate from Saint-Joseph University with a strong foundation in backend development, database systems, API integration, and software engineering principles. Hands-on experience developing web applications using Java, Spring Boot, ASP.NET Core, React, and SQL Server, with strong understanding of relational databases, data validation, and system workflows. Detail-oriented, adaptable, and capable of working effectively within collaborative and structured environments in both English, French, and Arabic

### EDUCATION

Saint-Joseph University (USJ), Lebanon

September 2020-May 2025

Bachelor of Engineering in Computer and Communications Engineering

### EXPERIENCE

#### Exquitech Group

##### Software Engineering Trainee

December 2025-March 2026

- Sole developer of a full-stack book management platform (ASP.NET Core / React / TypeScript) serving both public users and admins, architecting the frontend with protected and nested routing, Context API for global state, reusable Ant Design components, responsive layouts, form validation with error handling, and custom hooks for API communication.
- Designed and implemented a REST API of 15+ endpoints managing Books–Author relational data, applying .NET Data Annotations for backend validation and ensuring clean separation of concerns across all layers.
- Built a role-gated admin dashboard with full CRUD capabilities, enabling internal staff to manage the book catalog without developer involvement.

#### Siren Analytics

##### Software Engineering Trainee

January 2025-April 2025

- Extended a government-deployed Angular / Spring Boot platform for Lebanon's Ministry of Environment, delivering reusable frontend components, form validation, filtered data tables, UI enhancements, and cross-ministry reporting views across a full Agile sprint cycle.
- Developed an AI agent that automates meeting scheduling by integrating OpenAI's GPT API with the Microsoft Graph API, reducing manual scheduling effort.

#### Dar AI Handasah

July 2024 - August 2024

##### Software Engineering Trainee

- Built a full-stack blog platform using the MERN stack with JWT authentication, implementing a REST API for user content management and securing routes with token-based access control.

### TECHNICAL SKILLS

Programming Languages: Java, C#, JavaScript, TypeScript, Python, C++, SQL

Frontend/Backend Technologies: React, Angular, HTML5, CSS3, Ant Design, Spring Boot, ASP.NET Core (.NET), Node.js

Databases: SQL Server, PostgreSQL, MongoDB, basic familiarity with Oracle Database

DevOps & Tools: Git, GitHub Actions, Docker, Jira, Postman

AI / Data: OpenAI API, ChromaDB, Streamlit

### PROJECTS

#### Final Year Project: RAG-Based Course and Degree Recommender System- January 2025 - May 2025

- Developed a Retrieval-Augmented Generation (RAG) system that recommends ESIB courses and degrees based on users' academic goals and interests.
- Benchmarked 4 LLMs on response speed and language understanding, selecting Cohere Command as the optimal model based on evaluation results.
- Processed and embedded academic data into a local ChromaDB vector store, enabling efficient semantic retrieval for context-aware response generation.
- Built a user-friendly interface using Streamlit, enabling users to interact with the system and receive tailored recommendations in real time.

### CERTIFICATES

Claude 101, Claude Code in Action, and AI Fluency: Framework and Foundations issued by Anthropic Education

Artificial Intelligence Boot Camp (30-hour hybrid training by ZAKA AI)