

Rawan Bazzi

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Professional Summary

Computer and Communications Engineering graduate with hands-on experience in software development using modern technologies and frameworks. Skilled in building application features, integrating APIs, working with databases, and contributing to reliable technical solutions. Detail-oriented, adaptable, and capable of working effectively within collaborative and structured environments in 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 Engineer Intern

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

Full-Stack Developer Intern

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 Al Handasah

July 2024 - August 2024

Software Engineer Intern

- 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, HTML, CSS, Ant Design, Spring Boot, ASP.NET Core (.NET), Node.js

Databases: SQL Server, PostgreSQL, MongoDB.

DevOps & Tools: Git, GitHub Actions, Docker, Jira, Figma, 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 [View](#)

Introduction to Project Management: an online course authorized by IBM and offered through Coursera [View](#)

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