

RAYANE AWADA

Communication & Computer Engineering Student | Java Developer

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Professional Summary

Motivated **Communication and Computer Engineering (CCE) student** specializing in **Java backend development** with hands-on experience in **Spring Boot, REST APIs, SQL databases, and MVC architecture**. Built multiple backend-focused projects including authentication, pagination, batch processing, and file handling. Seeking a **Java / Spring Boot backend internship** to apply enterprise-level development practices in real-world systems.

Education

B.S. in Communication & Computer Engineering (CCE)

Islamic University of Lebanon

Expected Graduation: July 2027

Spring Boot Projects (Backend-Focused)

Registration System – Spring Boot, JPA, MySQL

- Developed a backend registration system using Spring Boot following layered architecture (Controller, Service, Repository).
- Implemented CRUD operations, input validation, and database persistence using JPA.
- Designed RESTful APIs to manage users and registrations.

CSV File Reader with Pagination & Batch Insert – Spring Boot

- Built a backend service to upload and process large CSV files efficiently.
- Implemented **batch insertion** to optimize database performance.
- Added **pagination** for data retrieval and display.
- Applied exception handling and validation for file upload errors.

Photo Management System – Spring Boot, Google Authentication

- Developed a photo management backend with **Google OAuth authentication**.
- Implemented secure login, photo upload, and paginated photo retrieval.
- Integrated database persistence and REST APIs for frontend consumption.

Java Desktop Application Experience

Java Desktop Application Developer – Internship / Project Training HealthMate | Doctor–Patient Appointment System

- Developed a Java Swing desktop application for managing doctor–patient appointments.
- Implemented appointment scheduling, real-time messaging, and automated email notifications.
- Built patient history management with secure data handling.
- Integrated SQL database using JDBC and applied MVC-style architecture.
- Implemented location-based doctor search using Google Maps API.

Additional Projects

Personal Portfolio Website – HTML, CSS, Bootstrap

- Designed a responsive personal website to showcase projects and skills.

Weather Application – React + External API

- Built a dynamic weather app consuming real-time API data and handling asynchronous requests

Relevant Coursework & Training

- **CS50: Introduction to Computer Science** – Harvard University (Foundations of programming, algorithms, and problem-solving)
- **Web Development Bootcamp** – Udemy (HTML, CSS, JavaScript, REST APIs, Bootstrap, and hands-on web projects)

Technical Skills

Backend & Programming:

Java, Spring Boot (REST APIs, Controllers, Services), JDBC, JPA/Hibernate (basic), C, C++, Python

Databases:

MySQL, MongoDB, H2 (development), SQL

Web & APIs:

REST API concepts, JSON, HTTP, Frontend basics (HTML, CSS, JavaScript), React (basic)

Architecture & Concepts:

OOP, MVC, Layered Architecture, Pagination, Validation, Batch Processing

Tools & Platforms:

IntelliJ IDEA, NetBeans, Git, Maven

Other Skills

- Networking: TCP/IP, LAN/WAN, Routing & Switching, Network Troubleshooting, Cisco Packet Tracer

- **Soft Skills:** Problem-solving, Teamwork, Communication, Time Management

Languages

- **Arabic:** Native
- **English:** Intermediate
- **French:** Intermediate