

Mohamad Akoum

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Computer Science student with strong backend and software development skills. Proficient in PHP, MySQL, and API development, with hands-on experience in optimizing database performance and enhancing system security. Passionate about problem-solving and eager to contribute to innovative software projects.

EDUCATION

Beirut Arab University

Sep 2023 – May 2026

Bachelor of Science in Computer Science | GPA: 3.7/4.00

Relevant Coursework

- Data Structures & Algorithms
- Database Systems
- Web Development
- Software Engineering

EXPERIENCE

Backend Developer | InnoALchemy

May 2024 – July 2024

Saida Lebanon

- Developed backend solutions in PHP, improving website responsiveness by 30%.
- Optimized SQL databases, reducing query execution times by nearly 20%.
- Designed an e-commerce template for seamless payment gateway integration.
- Strengthened API endpoints, improving data security and system reliability.
- Streamlined server-side operations, leading to reduced load times.

<https://github.com/InnoAlchemy/E-Come-APIs>

Web Developer | Freelance

Feb 2024 – Apr 2024

Spotify Soulmates

Spotify Soulmates is a web application that matches users based on their music preferences by leveraging Spotify APIs.

- Developed backend functionalities in PHP to improve user interaction.
- Optimized SQL queries and implemented responsive front-end features, boosting site performance.
- Integrated third-party APIs for music data synchronization and user matching.
- Ensured site security and reliability by adhering to web development best practices.

<https://github.com/Spotify-Soulmate-Team/Spotify-Soulmate>

EXTRACURRICULARS

- Active member of BAU CPC, participating in coding competitions and technical workshops.
June 2024 – Present
- Member of Anera, participating in building a water well in Bsaba, chouf
July 2021 – February 2022
- Aided refugees coming from the south of Lebanon during the Lebanese conflict in late 2024
September 2024 – November 2024

SKILLS

- Programming Languages: Java, C++, C, Python, PHP
- Web Development: HTML, CSS, JavaScript, MySQL
- Tools & Frameworks: Git, GitHub

LANGUAGES

- Arabic: Native
- English: Fluent (Full Professional Proficiency)
- French: Intermediate (DELF B1 Equivalent)