

CONTACT

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EDUCATION

Bachelor of Science in Computer Science

Lebanese International University

SKILLS

Technical Skills:

- Programming Languages
 - Java
 - JavaScript
 - PHP
 - Python
- Frameworks
 - Spring Boot
 - Hibernate
 - React & React Native
- Databases
 - MySQL
 - PostgreSQL
- DevOps & Utilities
 - Docker
 - Ngrok
 - Stripe CLI
- Security & API Tools:
 - JWT
 - Bucket4j

Soft Skills & Languages:

- Professional Skills
 - Problem Solving
 - Teamwork
 - Time Management
 - Adaptability
- Languages
 - English
 - Arabic

YOUSSEF AOUN

SOFTWARE DEVELOPER

PROFESSIONAL OVERVIEW

Backend Engineer with strong expertise in Java and Spring Boot, focused on scalable SaaS solutions and secure payment workflows. Proficient in building robust REST APIs, integrating Stripe (Checkout, webhooks, billing), and implementing JWT auth and rate limiting. Experienced with Docker, AWS, and PostgreSQL/MySQL in production cloud environments.

WORK EXPERIENCE

Full-Stack Developer

Oummal, Remote | September 2024 – March 2025

- Built and optimized a responsive web interface with lazy loading and asset caching for enhanced performance.
- Developed a relational database schema and integrated Hibernate/JPA models.
- Ensured user experience clarity through interactive design and user guidance.
- Optimized application load times, ensuring reliability at scale.

PHP Developer

Bitify, Remote | February 2024 – August 2024

- Built secure CRUD operations for user, product, and transaction management, preventing SQL injection risks.
- Created personalized dashboards and dynamic content rendering using PHP.
- Implemented robust error logging and API-level exception handling.

PROJECTS

Data Analysis Project

Supportful, Remote | July 2025 – September 2025

- Led a comprehensive data analysis project examining trends in Computer Science and Computer Engineering graduates across Lebanese universities, pre- and post-economic crisis.
- Collected, cleaned, and structured multi-source datasets; developed key performance indicators to evaluate enrollment, graduation rates, and shifts in academic focus.
- Analyzed the impact of Lebanon's economic crisis on software engineering education using trend analysis, comparative metrics, and visualizations.
- Delivered a detailed analytical report with actionable insights, highlighting the changing landscape of the tech education in Lebanon.

Subscription-Based SaaS Billing System

Personal Project – April 2025 – June 2025

GitHub: github.com/youssef-aoun/Subscription-Based-SaaS-Billing-System

- Built a Stripe-integrated SaaS backend with Java + Spring Boot, managing subscription billing flows.
- Developed secure REST APIs with JWT auth, RBAC, and IP/token rate limiting using Bucket4j.
- Engineered webhook logic for lifecycle events (checkout, subscription cancel, invoice payment failures).
- Designed a normalized MySQL schema for users, plans, invoices, and feature flags.
- Tested production flow using Ngrok and Stripe CLI to simulate real-world interactions.

Event Management System - Attend'lt

Lebanese International University – Senior Year Project | March 2024 – June 2024

GitHub: github.com/youssef-aoun/Attend-It-Backend

- Created full-stack event platform with Spring Boot and MySQL.
- Integrated Spring Security for authentication and WebSocket for real-time updates.
- Designed admin dashboard for event insights and participant tracking.
- Compiled detailed project reports, explaining each feature and its development process, and provided guidance on using the system.

References Upon Request