

Charbel Wehbe

✉ wehbecharbel45@gmail.com ☎ 76 965 020 in [Charbel Wehbe](#) 🌐 [CharbelWehbe](#)

SUMMARY

Computer Science student graduated in Dec 2025 with hands-on experience in Laravel, React.js, SQL, MySQL, Java, and C++. Built full-stack web, mobile, and desktop applications through internship and academic projects, with a focus on backend logic, database design, and problem-solving.

EDUCATION

Holy Spirit University Of Kaslik, Bachelor of Computer Science

Sep 2022 – Dec 2025

- GPA: 3.0/4.0
- **Coursework:** Computer Architecture, Computational Theory, Operating Systems, Database Systems

EXPERIENCE

Web Development Intern, Aplimedia SAL Offshore

Jun 2025 – Aug 2025

- Built and maintained a full-stack web-portal platform using **React.js (Vite)** and **Laravel**.
- Implemented responsive UI components with HTML, CSS, and JavaScript.
- Integrated RESTful backend APIs with React frontend logic.
- Used **Git** for version control and collaborated with developers via branching workflows.
- Tracked tasks and timelines using **Jira** and **Trello** in an Agile workflow.
- Participated in debugging, testing, and code review sessions.
- Gained real experience working in a professional software development environment.

SKILLS

- Frontend: **React.js**, HTML, CSS, JavaScript, Vite
- Backend: **Laravel**, REST APIs, MySQL, SQL
- Languages: Java, C++, Python, JavaScript
- Mobile: React Native
- Databases: MySQL
- Tools: Git, Jira, Trello
- Concepts: OOP, Data Structures, Algorithms, Debugging

Projects

Final Year Project – Intelligent Gym Management & AI Workout Recommendation

Platform *GitHub*: [Frontend](#) | [Backend](#) | [Live demo](#)

- *Technologies*: **React.js (Vite)**, **Laravel**, **MySQL**, REST APIs, WAMP64
- Architected and developed a full-stack web application for automated workout and nutrition plan generation.
- Implemented AI-driven logic to generate personalized weekly training programs based on user goals and training frequency.
- Developed RESTful backend services in Laravel for authentication, workout processing, and data management.
- Designed a normalized MySQL database schema for users, exercises, diet plans, and workout tracking.
- Integrated QR-based machine interaction system enabling real-time tracking of sets, repetitions, rest timer, tutorial videos, and music playback.
- Built a responsive React.js frontend with modular component architecture and dynamic state management.
- Deployed and tested the application locally using WAMP64 server environment.

ApplyFlow AI – AI-Powered Proposal & Cover Letter SaaS Platform [Live](#)

- *Technologies*: **React.js (Vite)**, **Laravel**, **PostgreSQL**, **Tailwind CSS**, **Groq API (LLaMA 3.3 70B)**, **Laravel Sanctum**, REST APIs, Docker, DigitalOcean, Vercel
- Architected and deployed a production-ready full-stack SaaS platform that generates AI-powered freelance proposals and job application cover letters using large language models, serving real users at [applyflowai.tech](#).
- Designed a dual-mode generation system — Proposal mode and Cover Letter mode — each with three distinct psychological angles (Expert, Partner, Closer / Achiever, Culture Fit, Value Driver), producing uniquely structured outputs per generation.
- Engineered a plan-aware prompt system where Free users receive 1 result per generation using a powerful base prompt, while Pro users receive 3 fully personalized results with dynamic context injection from their profile (bio, title, experience, hourly rate, portfolio links, and custom templates).
- Implemented a complete authentication system using Laravel Sanctum with email verification (Brevo SMTP), forgot/reset password flow, token-based session management, and role-based access control (free, pro, admin roles).
- Built a freemium subscription model with plan expiration tracking, automated plan downgrade on expiry, admin-only upgrade/downgrade/extend API routes, and a WhatsApp-based manual PayPal upgrade flow.
- Developed a custom template system allowing Pro users to save and reuse their best-performing writing styles, with the AI mirroring their tone, structure, and voice across all generated outputs.
- Integrated the Groq API with the LLaMA 3.3 70B model using advanced prompt engineering with role-specific system prompts, dynamic user context, and mode-based token allocation (1500 tokens Free, 3000 tokens Pro).
- Designed a normalized PostgreSQL database schema covering users, generations, templates, profiles, and password reset tokens, with cascading deletes, plan expiry indexing, and proper foreign key constraints.
- Built a fully responsive React.js frontend with mobile hamburger drawer navigation, protected and plan-gated routing (ProRoute, AdminRoute), persistent session management via AuthContext, and markdown rendering with XSS sanitization using DOMPurify.

- Containerized the Laravel backend using Docker and deployed to DigitalOcean App Platform with environment-based configuration, automated database migrations on startup, and the React frontend deployed to Vercel with environment-specific API routing.

Mobile Hotel Booking Application

- *Technologies:* **React Native**
- Developed a cross-platform mobile application for hotel booking with authentication and user-friendly interface.
- Implemented responsive UI components including login, registration, and booking features.
- Optimized application performance to ensure smooth user experience across devices.

Simple Market Application (Java, OOP, GUI)

- *Technologies:* **Java**, Java Swing/JavaFX
- Developed a desktop-based market management system using object-oriented programming principles.
- Implemented item selection and cart functionality with real-time total calculation.
- Designed an interactive graphical user interface for efficient user navigation.

Languages

- **Arabic:** Native
- **English:** Fluent
- **French:** Fluent