

BAHAA ZAAKIE

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PROFESSIONAL OVERVIEW

Computer Science graduate with hands-on experience building cross-platform mobile and full-stack web applications. Engineered a production-deployed multi-tenant platform (4 apps, multi-schema PostgreSQL, Laravel REST APIs) as a final year project. Proficient in OOP languages (Java, C++, Python, Dart) and cross-platform frameworks including Flutter and React Native. Seeking a software development role to apply strong problem-solving skills and deliver reliable, scalable software.

EDUCATION

Bachelor's Degree in Computer Science

Sep 2023 – Jun 2026

Antonine University

Zahle, Lebanon

TECHNICAL SKILLS

Languages: Java, C, C++, Python, Dart, JavaScript, Shell Scripting

Mobile: Flutter, Dart, React Native, Expo

Web & Backend: React, PHP, Laravel, Node.js, HTML, CSS, TailwindCSS, RESTful APIs

Databases: PostgreSQL, MySQL, SQL, NoSQL

DevOps & Tools: Git, Docker, Azure, Azure DevOps, Render, Cloudinary

Methodologies: Agile, Scrum, TDD, OOP, MVC

PROJECTS

Crave Platform – Multi-Tenant Shopping Ecosystem · Final Year Project | Feb 2026 – Jun 2026 |

React · Expo React Native · Laravel 12 · PostgreSQL (Neon) · Laravel Sanctum · Render · Cloudinary

- Engineered a multi-tenant grocery platform spanning 4 interconnected apps: Admin (Laravel + Blade), Supermarket (React + Laravel), Supplier (Laravel + Blade), and Customer (Expo React Native + Laravel).
- Built 2 RESTful Laravel 12 + Sanctum APIs backed by a multi-schema PostgreSQL architecture on Neon, using a custom TenantPostgresConnector and SetTenantSchema middleware that resolve tenant context from bearer tokens and route every authenticated request to the correct schema.
- Implemented real-time in-app notifications across all 4 apps using 30-second database polling, with unread badge counters and mark-as-read flows.
- Integrated multi-method customer authentication: OTP via Twilio SMS, Email+Password, and Google OAuth.
- Deployed all 6 services on Render with Neon PostgreSQL for the database, Cloudinary for media, and environment-based multi-service configuration.

Mobile Money Transfer App · Course Project | Oct 2025 – Nov 2025

Flutter · Dart

- Simulated a P2P mobile payment app with balance management, account recharge, and user-to-user transfer flows.
- Applied state management, input validation, and multi-step transaction simulation patterns using Flutter.

Car Dealership Website · Course Project | Apr 2026 | github.com/bahaa-333/cardealership-proj.github.io

Vanilla JavaScript · HTML · CSS

- Built a dynamic car dealership web app with advanced listing filters, modal overlays, and full CRUD operations.
- Implemented Local Storage persistence to maintain state across sessions with no backend dependency.

Restaurant Full-Stack Website · *Freelance* | Jan 2026 – March 2026 | github.com/bahaa-333/Restaurant_website

React · Laravel · Tailwind CSS · GSAP · RESTful API

- Delivered a complete restaurant web application for a client, with a React frontend and a Laravel backend.
- Built a responsive, animated UI using Tailwind CSS and GSAP, meeting client design and branding requirements.
- Designed and consumed RESTful API endpoints for dynamic menu content and a seamless user experience.

CERTIFICATES

OnRamp Cohort 5	<i>Forward MENA · 2026</i>
Inside the Mind of Ethical Hackers	<i>Semicolon Workshop · 2025</i>
Fundamentals of Deep Learning	<i>NVIDIA · 2025</i>
CS50X – Introduction to Computer Science	<i>Harvard · 2025</i>

LANGUAGES

Arabic: Native
English: Fluent
French: Intermediate

EXPERIENCE

Full-Stack Developer *Freelance Contract · Jan 2026 – March 2026*

- Developed a client-facing full-stack restaurant web application from brief to delivery.
- Built responsive, animated UI with Tailwind CSS and GSAP, handling all frontend–backend integration.
- Authored and consumed RESTful Laravel API endpoints to serve dynamic content.

Mobile Development Intern *Megabee SAL, Zahle · Jun 2025 – Aug 2025*

- Developed cross-platform mobile applications using Flutter and Dart in a production team environment.
- Integrated RESTful APIs and managed asynchronous data operations with proper error and state handling.
- Applied clean code practices, producing compact, maintainable code within an Agile workflow.