

ADHAM KIWAN

+961 76 741 223 • adhamkiwan@outlook.com • adham.vip • [LinkedIn](https://www.linkedin.com/in/adhamkiwan) • [GitHub](https://github.com/adhamkiwan)

Summary

Software Engineer with experience building and securing production systems for an enterprise HRMS platform serving clients across the MENA region. **Skilled in** .NET (ASP.NET Core and Web Forms), SQL Server, GraphQL, and Angular, **with a strong track record of** leading initiatives that improve application security, system performance, and data-access integrity. Actively expanding into distributed systems and API design, having led GraphQL adoption across four teams and delivered measurable performance gains on the platform's most-used views.

Work Experience

Software Engineer — People365 (Hybrid)

June 2025 – Present

- Reduced load time on the Applicant Search Engine — one of the platform's most-used views — from **40–50 seconds to ~2.5 seconds** and payload from **9 MB to ~2 MB** by replacing a blocking dropdown query with paginated on-demand loading.
- Designed and shipped a dynamic role-based access system across ~40 pages (database schema, stored procedures, and backend logic), letting clients configure page-level permissions per role without code changes and eliminating manual SQL runs against production databases.
- Eliminated an IDOR vulnerability in the Performance Appraisal microservice by enforcing ownership validation before record return, closing unauthorized access to appraisal data.
- Led **GraphQL** adoption across four teams as the sole GraphQL — capable engineer — built a production-grade HotChocolate proof of concept with seven security layers, authored the implementation plan and client integration docs, secured sign-off from the solution architect and product owner, and presented the architecture and security model to ~15 engineers.

Backend Developer Intern — People365 (Hybrid)

January, 2025 – May, 2025

- Shipped **77+ tasks** to production on UPLIFT, a platform-wide modernization program covering UI redesign, performance optimization, and new feature delivery. **Converted to a full-time Software Engineer role on the core team at the end of the internship.**

Technical Support Specialist — Omega Smart System

January 2023 – December 2023

- Resolved live network, signal, and frequency issues for customers under time pressure, restoring connectivity and minimizing service downtime.
- Configured and troubleshooted MikroTik devices across client deployments, ensuring stable connectivity and reliable performance at customer sites.
- Served as direct technical point of contact for customers — diagnosing faults and communicating fixes clearly.

Projects

- DevDock – Developer Journal Application (2025).** Full-stack application for tracking daily development work and surfacing productivity patterns. Introduced Redis caching to eliminate redundant database queries and reduce API response times. Built RESTful APIs with authentication, validation, and layered separation of concerns.
- Fadely – SaaS Barber Reservation System (2023).** Production SaaS giving each barber a personalized booking app with configurable schedules, slot durations, and off-days. Designed a slot-based reservation system that structurally prevents double-booking, module-based backend services, per-barber slug routing, and role-based authorization separating barber and client permissions.

Education

B.E. in Computer and Communications Engineering — Antonine University, Baabda

Expected 2030

Pursuing the degree part-time while working full-time as a Software Engineer.

Web Development Bootcamp — 4 Finance Training Center, Chouf

Aug 2024 – Nov 2024

Skills

Languages: C#, JavaScript, TypeScript, Java, C++, Python, SQL (T-SQL)

Backend: .NET (ASP.NET Core, Web Forms), Node.js, Express.js, Entity Framework, GraphQL (HotChocolate), REST

Databases: SQL Server, PostgreSQL, MySQL, MongoDB, Redis

Frontend: React, HTML, CSS, Tailwind CSS

Practices: Application security (IDOR, SQL injection prevention), performance optimization, database migrations (FluentMigrator), Git/GitHub

Languages

Arabic (Native), English (Full Proficiency)