Adham Kiwan

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Summary

Software Engineer with hands-on experience building and maintaining production-grade web applications using .NET, Node.js, and React. Experienced in designing secure backend systems, optimizing database operations, and delivering scalable SaaS solutions. Currently working as a Software Engineer at People365, with a strong interest in backend engineering and system design.

Work Experience

Software Engineer June, 2025 – Current
People365 Hybrid

- Reduced a critical page's load time from **40–50 seconds** down to **~2.5 seconds** and its payload from **9 MB** to **~2 MB** by implementing on-demand loading — a 95% performance improvement on one of the platform's most-used views.
- Designed and implemented a dynamic role-based page access system across **~40 frontend pages** — including a new database table, stored procedures, and backend logic — enabling each client to configure granular page-level permissions per role without code changes.

Backend Developer Intern January, 2025 – May, 2025
People365 Hybrid

- Worked as part of foundations team on UPLIFT project to upgrade the full web app design, enhance system performance, optimize existing code and implement new features.
- Collaborated with developers and tech leads to complete over **77 Tasks** in UPLIFT project all marked to be shipped.

Technical Support Specialist January, 2023 – December, 2023
Omega Smart Systems Chouf, Lebanon

- Assisted the technical team in diagnosing and resolving various network issues, including signal and frequency challenges, and gained hands-on experience configuring Mikrotik devices. Excelled in various web development tasks.

Projects

DevDock – Developer's Journal Application: Oct 2025

- Built DevDock, a full-stack university project designed to help developers track their daily development work and gain insights into productivity and activity patterns.
- Implemented Redis for caching and performance optimization, reducing redundant database queries and improving overall API response times.
- Developed and structured RESTful APIs with authentication, data validation, and clear separation of concerns, following production-ready backend architecture principles.

Fadely – SaaS Barber Reservation System: Dec 2024 – January 2024

- Developed a production-ready SaaS app allowing barbers to have personalized web apps with configurable schedules, slot durations, off days.
- Structured backend using module-based services, REST principles and using slugs unique for each barber to differentiate user interface
- Designed a slot-based reservation system preventing double bookings.
- Implemented role-based authorization (barber vs client) each with different roles.

Education

B.E. in Computer and Communications Engineering 2022 - Present
Antonine University Baabda

Courses

Web Development Bootcamp Aug 2024 – Nov 2024
4 Finance Training Center Semkanieh

Technical Skills

- **Programming**: C++, C#, Java (Advanced).
- **Front-end:** HTML, CSS, JS, TypeScript, Tailwind CSS, Bootstrap, React, Zustand (Advanced).
- **Back-end:** Express.js, Node.js and .NET (Advanced).
- **Version Control**: Git, GitHub (Proficient).
- **Database Management**: MySQL, MongoDB (Advanced).

Soft Skills

- **Problem Solving**: Strong problem-solving skills with a logical and analytical mindset.
- **Communication**: Excellent verbal and written communication skills.
- **Teamwork**: Proven ability to work effectively in collaborative team environments.
- **Languages**: English (Professional), Arabic (Native).