Ahmad Shaaban

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Professional Summary

Computer Engineer passionate about building reliable, efficient digital solutions. Known for precision, problem-solving, and attention to detail, with a focus on creating clean, maintainable, and user-centered software. Experienced in modern frameworks and best development practices to deliver scalable, high-quality applications.

Education

Beirut Arab University, *Debbieh, Lebanon*   **Sep. 2019 – Jan. 2024**
Bachelor of Engineering in Computer Engineering – GPA 3.46 / 4.00

Professional Experience

IT Specialist, CMCCO, *Lebanon*   **Aug. 2024 – Present**
- Built internal POS and clinic solutions using Laravel & Vue, improving workflow efficiency by 25%.
- Configured network and hardware across multiple sites, reducing downtime and improving stability.
- Implemented SMTP configurations and supported system automation for daily operations.

Coding Tutor, Our Easy Game, *Lebanon*   **Jul. 2024 – Present**
- Mentored students in coding and best practices, helping them develop structured programming skills.

Full Stack Developer, Freelance, *Lebanon*   **May 2023 – Present**
- Built and deployed 6+ custom web and desktop applications using Laravel, ASP.NET, Angular, Next.js, and WPF.
- Delivered secure, scalable, and responsive solutions for small businesses.

IT Specialist Intern, UNRWA, *Lebanon*   **Jun. 2024 – Aug. 2024**
- Supported 100+ users by diagnosing workstation and network issues, installing OS/software, and maintaining cloud-connected Microsoft Entra systems.

Web Developer Intern, GIS-Lebanon, *Lebanon*   **Mar. 2023 – Apr. 2023**
- Built ASP.NET Core apps using MVC, Entity Framework, and optimized stored procedures.

Projects

Clinic Management System - Web App (Laravel, Sanctum, Vue3, PrimeVue, Pinia, Axios, MySQL)
- Developed a full system for appointments, patients, services, and scheduling.
- Implemented automated non-overlapping slot generation for multi-service calendars.
- Applied MVC architecture, REST APIs, and optimized database queries and load speed by 20%.

Warehouse Management System - Web App (Laravel, Blade, Tailwind CSS, Breeze, MySQL)
- Built a multilingual product/order dashboard with secure media handling.
- Integrated responsive UI and modular backend logic for scalability.

VivacityCleaning.com - Web App (Next.js, Tailwind CSS, Shadcn/ui, Framer Motion)
- Developed a live business website with animations and optimized overall performance.
- Achieved strong Google Lighthouse scores: Performance 96, SEO 100, Best Practices 100.

Food Delivery App - Web App (Laravel, Angular, Bootstrap, MySQL)
- Built a responsive food ordering platform with dynamic menu, cart, and checkout, ensuring seamless user flow.
- Integrated real-time order updates using Laravel Signals/WebSockets for instant feedback to users and admins.
- Applied MVC architecture and REST APIs to maintain clean, modular, and scalable backend logic.

Technical Skills

Programming Languages: PHP, JavaScript ES6+, TypeScript, Java, C#, HTML, CSS, XAML.
Frameworks & Libraries: Laravel, Vue.js, Angular, React, Next.js, Tailwind CSS, Bootstrap, PrimeVue.
Databases: MySQL, PostgreSQL, Microsoft SQL Server, MongoDB, SQLite.
Tools & Platforms: Git, GitHub, Docker, Postman, WordPress, Laravel Telescope, Node.js, Vite, NPM, AJAX, jQuery.
Practices & Concepts: RESTful API Development, MVC, MVVM, Authentication/Authorization, Database Schema Design, Query Optimization, Unit & Integration Testing, CI/CD, Responsive UI, Performance Optimization.

Languages

Arabic (Native); **English** (Fluent).

Certificates

CyberOps Associate   **Issued 2023**
CCNA: Enterprise Networking, Security and Automation   **Issued 2023**