

# Wael Abdulsalam Hamwi

Senior Full Stack Web Engineer

## CONTACT INFORMATION

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## PROFESSIONAL SUMMARY

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Senior Full Stack Engineer with 5+ years of expertise in PHP/Laravel and Node.js, specializing in building scalable web applications and high-performance e-commerce solutions. Proven track record in leading end-to-end development, optimizing system performance, and mentoring teams. Strong background in React/Next.js with a focus on SEO optimization and cloud platform integration.

## EDUCATION

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### Bachelor of Communication Engineering

Aleppo University, Aleppo, Syria

2013 – 2018

**Program Focus:** The program focused on communication systems and network engineering.

### Master of Science in Web Technology

Syrian Virtual University, Damascus, Syria

2018 – 2022

**Thesis Title:** "Advancements in Web Development: A Comprehensive Study of Modern Technologies"

**Thesis Score:** 97/100

**Overall Program Score:** 86.02

**Honors:** Graduated as the top student in the program

**Program Focus:** Advanced studies in web technology, including a thorough exploration of modern web development methodologies and technologies. This program emphasized the development and implementation of scalable web solutions and cutting-edge practices in web technology.

**University Profile:** <https://svuonline.org/en/content/103082>

## WORK EXPERIENCE

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### Lead Full Stack Developer — Core-Click, Aleppo — 2025 — Onsite

*A digital solutions company under the same management as New Horizon, focused on scalable enterprise platforms.*

- **High-Performance E-Commerce Platform (Tkeys):** Independently developed a SEO-optimized e-commerce platform using Laravel, Filament, React, and Next.js. Implemented server-side rendering and advanced SEO techniques for fast load times and superior search engine visibility. [View Project Demo](#). — [Ecommerce](#)

### Full Stack Developer — Logistics and Delivery Platform (Waneet) — 2025 — Freelance

- **Real-Time Logistics & Delivery Platform:** Developed backend services with Laravel and the web interface using Vue.js. Designed and optimized REST APIs for mobile app integration (Flutter), enabling shipment tracking, dynamic pricing, and secure order workflows. [one8-app.com](https://one8-app.com)

## **Full Stack Developer & Business Analyst — ATCC, Kuwait — 2024–2025 — Remote**

*ATCC is a leading technology solutions provider in Kuwait, offering e-commerce, POS, and business services.*

- **POS Integrated E-Commerce Platform:** Developed a POS system integrated with e-commerce for product management, implemented an affiliate marketing module, and built customizable features to support diverse business models, enhancing scalability and adaptability. [Demo](#) — [Ecommerce](#)

## **Junior Web Developer, Aleppo — 2023–2024**

- **Learning Management System (LMS):** Developed a role-based LMS with Zoom integration, real-time exam monitoring, and analytics using Livewire and PHP. Improved code maintainability by refactoring legacy code without modern frameworks. [Demo LMS](#)
- **Next.js 15 Full-Stack eCommerce Project:** Built with Next.js 15, featuring optimized SEO, fast load times via SSR/SSG, secure JWT authentication, and efficient state management with Redux Toolkit. Improved performance using caching and memoization for a seamless user experience. [Demo Ecommerce](#)

## **Software Development Intern — Startup, Egypt — 2022–2023 — Onsite**

Developed customized web solutions for Saudi clients, AI integration, and solution architecture.

- **Automation System for Merak Company:** Developed a WordPress-based automation system that streamlined account opening processes, significantly boosting efficiency. [Go Live](#) or [watch a Demo](#)
- **E-Commerce Platform:** Built a comprehensive e-commerce site with Laravel and React, ensuring responsive design and a user-friendly interface. [GitHub](#) [Code](#) — [Demo](#)
- **Sales Management System:** Developed a sales management system using Laravel and Ajax for seamless inventory and order management. [GitHub](#) [Code](#) — [Demo](#)
- **Custom WordPress Theme for Emerald Company:** Enhanced user experience and brand identity. [Go Live](#)
- **Premium Weather Alert Application for Boca Pro:** Developed a weather alert application using Laravel, featuring real-time updates via API integration and subscription management with Stripe through Laravel Cashier. Implemented background job processing, a notification system, and an interactive frontend using Livewire and Alpine.js. Focused on API consumption, database design, and achieved 70%. [GitHub](#) [Code](#) — [Demo](#)

## **Academic Work Experience (2013 - 2021)**

During my academic career, I undertook significant projects and research:

- **Key Technical Projects:** Real-time messaging platform (React/Next.js/Node.js) [GitHub](#) — [Demo](#), Multi-vendor platform using multitenancy (Filament) [GitHub](#), 3D UI/UX website [GitHub](#), Podcasting [GitHub](#)
- **AI/ML Research:** COVID-19 detection (TensorFlow) [Demo](#), Disease prediction via data mining [GitHub](#), Image-based theft prevention system
- **Platform Development:** Newspaper CMS (Laravel) [GitHub](#), E-Petrol Android app [GitHub](#), National Geographic prototypes [GitHub](#)

## **Key Achievements**

- Automated Merak Company's account opening, reducing processing time by 70%
- Improved administrative efficiency by 50% and reduced data entry errors by 40% through workflow automation
- Enhanced sales system performance, increasing transaction capacity by 30% with optimized queries and caching

- Developed e-commerce platform with zero downtime, increasing sales by 25% and traffic by 30%
- Mentored junior developers and led successful project completions across multiple organizations

## PUBLICATIONS

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**Recognition for Contributions to the Journal Review Process, *Informatics in Medicine Unlocked*, July 2022.**

**Development and Integration of VGG and Dense Transfer-Learning Systems for COVID-19 Detection, *Informatics in Medicine Unlocked*, May 2022 (Published). DOI: [10.1016/j imu.2022.101004](https://doi.org/10.1016/j imu.2022.101004).**

**Building a Unified Neural Network of Deep Convolutional Models to Classify COVID-19 Patients by Spatial Processing of the Features in Images, *Research Journal of Aleppo University*, October 2022 (Published).**

## SKILLS

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- **Front-End Development:** HTML5, CSS3, JavaScript, jQuery, Bootstrap, AJAX, React.js (Hooks, Context API), Next.js, Inertia, Alpine.js, Formik, Higher-Order Components (HOC), Zod
- **State Management:** Redux, Redux Toolkit, Redux Persist, Context API, MobX, Thunk API
- **UI/UX & Design Tools:** Sass, Tailwind CSS, Figma, Adobe XD
- **Backend Development:** PHP, Laravel, Filament, Livewire, Redis, Node.js, Express.js, Microservices
- **Databases:** MySQL, PostgreSQL, MongoDB, Prisma, Firebase
- **Cloud & Deployment:** AWS, Google Cloud Platform, Vercel, Docker, Kubernetes
- **Web Services & APIs:** REST, GraphQL, XML, JSON, Google APIs, Postman, Swagger, Stripe, DocuSign, Zapier, Zoom, ZegoCloud, Git (GitHub, Bitbucket)
- **CMS & E-Commerce:** WordPress (Elementor, WooCommerce, FormCraft), Shopify
- **Real-Time Applications:** WebSocket, Real-Time Chat Architecture
- **Artificial Intelligence / Data Science:** TensorFlow, Keras, Pandas, NumPy, Scikit-Learn, Matplotlib
- **SEO & Performance Optimization:** SEO Best Practices, Caching Strategies, Performance Tuning
- **Software Design & Architecture:** Multi-Tenancy Architecture, SOLID Principles, Clean Code, OOP, Inheritance, Polymorphism, MVVM, MVC
- **Computer Science Fundamentals:** Data Structures, Algorithms, Problem Solving, Dynamic Programming, Database Design, ORM, Networking, CS50 Foundations
- **Security & Authentication:** OTP (Email/SMS verification), JWT, OAuth2, Passport, Session Management, Token Refresh, CSRF Protection
- **Additional Skills:** Agile Methodologies, Quality Assurance, Security Best Practices, Jira, Microsoft Azure, Technical Communication

## CERTIFICATES

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- **Web Design Certificate, Upper Intermediate English Certificate, and Full Stack Web Development Course**  
*New Horizon Institute*
- **Advanced English Certificate, IELTS Certificate, and TOEFL Certificate**  
*Aleppo University / Higher Consulting Institute*