

Alaa otay

Full-Stack Engineer | AI-Enhanced Web Applications

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📅 Date of birth 03/16/2002

Software engineering student passionate about modern web development and AI integration. Proficient in object-oriented programming and experienced in building dynamic applications with PHP, Laravel, and Vue.js. Hands-on with database management and leveraging AI models (LLMs, GenAI) to enhance functionality. Eager to contribute to innovative projects and thrive in a forward-thinking tech environment.

EXPERIENCE

FastAPI Career Profile Generator

April 2025

[ISIMM Intern Explorer Coding Night](#) ISIMM

[cv-insight-extractor.onrender.com](#)

- Built a **FastAPI** app to extract structured data from CVs using **OCR** and **LLMs**.
- Integrated **Tesseract OCR** with **Hugging Face fallback**; used **OpenAI** and JSON Schema for profile generation.
- Enhanced post-event with **auto-validation** logic, **retry mechanisms**, and modular codebase.

web developer internship

From July 2024 to August 2024

[Yes2Dev](#) Mednine

- Developed a complete **Restaurant Management System** using **Laravel**, **MySQL**, and **Bootstrap**.
- Built an **Admin Dashboard** with **CRUD** operations, role-based access control, and sales analytics.
- Created a responsive **customer interface** for online ordering, table booking, and real-time tracking.
- Managed **database** migrations, seeding, and local environment setup with Laravel and Laragon.

EDUCATION

Preparatory Cycle and Engineering Degree in Software Engineering

Since September 2021

[Higher Institute of Computer Science and Mathematics of Monastir \(ISIMM\)](#) Monastir

Currently in 4th year, expected to graduate in 2026

Baccalaureate in Technical Sciences

July 2021

[Technical high school](#) Mednine

Score: 16.65/20

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- Full Laravel Course – Brightcoding Platform

Covered **basic principles**, **authentication**, **database seeding**, and more.

- Vue.js Course

Focused on building interactive user interfaces and integrating with modern web applications.

- Machine Learning - Google Cloud

Learning through hands-on projects and courses, including the **Generative AI Learning Path** and **Large Language Models**

SKILLS

Programming Languages:

PHP, Java, C, C#, Python

Web Development:

HTML/CSS, JavaScript (jQuery, Ajax),
Laravel, Bootstrap, Vue.js

Backend & Tools:

REST APIs, Git, Laravel Mix, MySQL ,
PL/SQL (Oracle), Python packages
(NumPy, OpenCV, JSON Schema,
PyTorch, TensorFlow)

Concepts:

Object-Oriented Programming (OOP),
UML, Cloud Fundamentals (AWS
Academy), OCR, Object Detection

LANGUAGES

Arabic

Native language

English

Fluent

French

Fluent

SOCIAL NETWORKS

🐙 [github.com/alaotay8](#)

🌐 [linkedin.com/in/alaotay8](#)

