Billel Lamairia

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ABOUT ME

Recent M.Sc graduate with 3+ years building web applications. I've delivered school management systems, medical AI (thesis), and factory inventory software. I work with **Laravel, Python/Flask, Docker**. All projects have live demos and GitHub repos. Open to **remote, relocation, or visa sponsorship**.

WORK EXPERIENCE

[09/2021 – Present]   **Freelance Software Developer**

Self-employed — Annaba, Algeria

- **Schooly V2** — School management for private school. Student records + payment tracking. Laravel + Filament.
- **SIFCO Inventory** — Factory inventory system. On-premise deployment (no cloud). Laravel + MySQL.
- **WLeaks** — IoT water leak detector with Arduino sensors. Node.js + Socket.IO.

🔗 Demo: Schooly   GitHub   SIFCO GitHub

[07/2023]   **Volunteer — 360° Virtual Tours**

University of Badji Mokhtar — Annaba

Created 360° virtual tours for 3 faculties. Recognized by Vice-Rectorate.

🔗 Law   Arts   Tech

EDUCATION

[09/2023 – 07/2025]   **M.Sc Complex Software Engineering**

University of Badji Mokhtar — Annaba

Thesis: HeartLine — ECG AI classifier. 94% accuracy on MIT-BIH dataset.

🔗 Demo   GitHub

[09/2020 – 06/2023]   **B.Sc Computer Systems**

University of Badji Mokhtar — Annaba

Thesis: Campus Guide (OSM navigation). First student to receive Startup Diploma.

[12/2023]   **Startup Certificate — Arrêté 1275**

MESRS Algeria — University Incubator

SKILLS

Backend	Laravel, PHP, Python, Flask, MySQL
Frontend	HTML, CSS, JavaScript, Tailwind, Chart.js
DevOps	Docker, Nginx, Linux (Debian), SSH
AI/ML	TensorFlow, Keras, wfdb (signal processing)

LANGUAGES

Arabic — Native   **French** — Professional (B2)   **English** — Professional (B2-C1)

PROJECTS (ALL WITH LIVE DEMOS)

Project	Description	Demo	Code
Schooly V2	School management	Live	GitHub
HeartLine	ECG AI (thesis)	Live	GitHub
SIFCO Inv	Factory inventory	Live	GitHub
WLeaks	IoT leak detector	Live	GitHub
ABC-TSP	Algorithm viz	Live	GitHub

Available: Immediately | **Open to:** Remote • Relocation • Visa Sponsorship | **Portfolio:** blamairia.me

All projects have working demos and public GitHub repositories