

AKRAM ZAITOUT

Full Stack Developer & Data Scientist

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SUMMARY

Full Stack Developer & Data Scientist with a passion for turning ideas into scalable applications, exploring AI, and solving complex problems with code. With **5+ years** of experience building production SaaS platforms, I thrive at the intersection of robust backend architecture (**Laravel / PHP**) and dynamic frontend experiences (**Vue.js / Nuxt.js**). I love taking ownership of features from spec to deployment—whether that means integrating ML models, leading agile teams, or delivering an **80% performance improvement** on live platforms. Always curious, always building.

SKILLS

Backend	PHP, Laravel, Livewire, Node.js, Python
Frontend	Vue.js, Nuxt.js, TypeScript, React, Alpine.js
CSS / UI	Tailwind CSS, Vuetify, Material UI, Bootstrap, Scss
Database	MySQL, PostgreSQL, MongoDB, Supabase
DevOps	Docker, AWS, GitHub Actions CI/CD, Nginx/Apache
Arch.	REST APIs, WebSockets, MVC, SOLID, TDD
Other	ElectronJS, React Native, InertiaJS, Git

EXPERIENCE

Lead Full Stack Developer | AMC Foundation – Memory Sports Org. Nov 2020 – Jan 2023 & Jun 2024 – Present

Algeria / Remote

- Architected a remote memory championship platform (*ArabianMemory*) using **Laravel and Nuxt.js (SSR)**, implementing offline caching and real-time WebSocket monitoring (Node.js) to ensure exam integrity.
- Designed and developed a comprehensive **CRM and marketing panel** in Vue.js to track trainee progress, issue cross-border certificates, and smartly target users based on their training analytics.
- Improved email deliverability by configuring **SPF, DKIM, and DMARC**, and integrated **Supervised Machine Learning** algorithms to classify and process email content for targeted marketing campaigns.
- Reduced landing page load times by **80%** through legacy code refactoring, lazy loading implementation, and host resource optimization.
- Developed an **ElectronJS** and RESTful API desktop application to distribute encrypted, one-time-use course PDFs with dynamic copyright watermarks.
- Programmed an advanced, high-quality statistics dashboard with custom filtering to evaluate and track in-person and remote championship scores globally.

Full Stack Developer | Alminasa – Software Development Agency Jan 2023 – Jun 2024

Remote

- Led full stack development of *GoGharsa*, a **GovTech SaaS** for government reforestation tracking, built with **Nuxt.js, Vuetify, and Laravel**.
- Delivered a **multi-tenant TALL Stack platform** (Tailwind, Alpine, Laravel, Livewire) for NGO quality-assurance reporting.
- Built a **Hajj/Umrah logistics dashboard** unifying transport, accommodation, and pilgrim data from multiple agencies into one interface.
- Developed a **revenue-sharing coupon SaaS** with InertiaJS + Vue, auto-calculating profit splits between publishers and partners.

OPEN SOURCE

Creator & Maintainer | Laravel KaTeX Early 2026 – Present

PHP, Laravel

- Designed and developed a secure, production-ready **Laravel package** for server-side rendering of mathematical expressions using a native PHP KaTeX implementation.
- Implemented automatic **XSS protection** and comprehensive input validation to safely process and render user-generated content.
- Optimized for blazing-fast performance with flexible integration options via **Blade directives, Vue components, and Facades**.

EDUCATION

MSc Data Science – University of Sunderland, UK Sept 2023 – Aug 2024

BSc Computer Science – University of Biskra, Algeria Sept 2019 – Jul 2023