

Yacine Ahmaich - Full-Stack Software Engineer

Morocco (UTC+1)

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Full-stack engineer with 2+ years of production experience shipping and maintaining web and mobile platforms. I've built live e-commerce and e-learning systems on Next.js and Laravel, a cross-platform mobile app with React Native, and integrated everything from payment gateways to video streaming. I work autonomously, communicate async, and deliver end-to-end.

WORK EXPERIENCE

Ecowatt Maroc

Jan. 2024 – Present

Web & Mobile Developer, Full-Time

Agadir

Ecowatt E-commerce Platform ecowatt.ma

Next.js · Laravel · React Native · Expo · MySQL · GitHub Actions · Cloudflare

- Built and maintain a production e-commerce platform serving hundreds of active users with daily order processing.
- Migrated the frontend from Create React App to Next.js with Server Components, improving SEO ranking from position 12 to 6 and reducing page load times significantly.
- Integrated a payment gateway and shipping provider APIs to automate order fulfilment end-to-end.
- Deployed multi-currency support with live exchange rate synchronisation for international customers.
- Implemented bidirectional CRM sync via webhooks and a queue system, keeping inventory and orders consistent across platforms in real time.
- Built a multi-channel notification system (email, push) to boost re-engagement.
- Developed a cross-platform mobile shopping app replicating the full e-commerce experience.
- Integrated production-grade monitoring (Sentry) and error tracking, reducing undetected downtime.
- Automated manual deployments with GitHub Actions CI/CD, reducing errors and release time.
- Set up Cloudflare for DNS, DDoS protection, WAF, and faster content delivery.
- Built a [Solar Kit Simulator](#) where users input their household equipment to estimate energy consumption and get a recommended solar installation kit, directly supporting sales conversion.

Ecowatt Academy — E-learning Platform academy.ecowatt.ma

Laravel · React · Inertia.js · TypeScript · Mux

- Built a full-featured e-learning system including partial course publishing, student progress tracking, access control, and certificate generation.
- Integrated Mux for production-grade video streaming, handling upload, processing, and adaptive playback for course content.
- Implemented authentication system with email/password, Google, and LinkedIn OAuth, and built a full admin dashboard for managing courses, users, and platform content.
- Integrated Google Analytics for user behaviour tracking and set up email notifications to drive student engagement and course progress.

Technical Consultant

Api Integration - Testing & QA - External Collaboration

- Managed API access setup and integration for enterprise solar monitoring platforms (Huawei FusionSolar, Sungrow iSolarCloud, Deye Cloud).
- Guided third-party developers through API integration, participated in testing & QA, and served as the technical point of contact.
- Conducted backend security audits across multiple projects to identify vulnerabilities and improve overall code quality.

Internal Tools & ERP/CRM

PHP · Laravel · Dolibarr · MySQL · Analytics

- Developed custom Dolibarr ERP plugins and handled updates, configurations, and ongoing

maintenance across multiple installations.

- Built an event lead capture CRM integrated with Dolibarr, replacing zero visibility with full lead tracking, conversion analytics, and ROI reporting.

StoriesBeyond app.storiesbeyond.co.uk

Oct – Nov 2023 (2-month contract)

Fullstack Developer, Freelance

Remote

- Built a memorial platform where families create digital profiles for missing persons, including life stories, photo galleries, and tributes from loved ones.
- Developed a QR code medallion generation feature, allowing physical keepsakes to link directly to a person's digital memorial profile.
- Delivered the full project remotely — communicating with the client entirely via chat and email, managing requirements, feedback, and revisions autonomously.

Ajicod

Nov. 2023 – Dec 2023

Backend Developer, Internship

Agadir

- Worked as a backend developer in a team building a digital content marketplace, contributing to project conception, backend architecture, and initial setup.
- Implemented authentication and role-based access control (RBAC) to manage permissions.
- Integrated YOUCAN Pay via webhooks for real-time transaction management.
- Developed a credit-based subscription system to manage access and usage limits.
- Safeguarded digital assets via watermarking and quality degradation techniques.

Tekknew

Apr. 2023 – May 2023

Fullstack Developer, Internship

Agadir

- Built user authentication and an analytics dashboard integrated with a Django REST API.

EDUCATION

Engineering Degree in Software Engineering

HighTech — Rabat, Morocco | 2025 – 2027 (Expected)

Bachelor's Degree in Information Systems Engineering

SupMTI — Rabat, Morocco | 2024 – 2025

Specialized Technician Diploma (EQF Level 5) in Full Stack Web Development

ISTA — Agadir, Morocco | 2021 – 2023

SKILLS

Frontend

TypeScript, JavaScript, React, Next.js, Server Components, Tailwind CSS

Backend

PHP, Laravel, REST APIs, Webhooks, Queue Systems, RBAC, Authentication & Authorization

Mobile

React Native, Expo, EAS

Databases

MySQL, Redis, MongoDB

Infrastructure

Docker, Linux VPS, Nginx, Cloudflare, CI/CD (GitHub Actions), Vercel

Integrations

Payment Gateways, CRM Integrations, Third-Party APIs, Real-Time Sync

Systems & Domains

E-commerce Systems, Video Streaming, SEO Optimization, Monitoring & Error Tracking

Testing

Jest, React Testing Library, PHPUnit, Postman