

# AMIR AHMED ABDEL FATTAH

Full Stack Developer | **Laravel** · **Vue.js** · **Nuxt.js** · **Node.js**

+20 1010282922 · aaamer.aaahmed@gmail.com · LinkedIn: linkedin.com/in/amirahmedc · GitHub: github.com/amirahmedc  
· Cairo, Egypt

## PROFESSIONAL SUMMARY

Full Stack Developer with 3 years of hands-on experience building web applications from backend to frontend. I work mainly with Laravel and Node.js on the backend, and Vue.js, Nuxt.js, and Next.js on the frontend. I have built real production systems including AI-powered platforms and LMS products that handle large numbers of users at once. I am comfortable with the full development process — REST API design, database work, Redis queues, Docker deployments, and authentication systems. I care about writing clean, maintainable code and building things that actually work well in production.

## TECHNICAL SKILLS

**Languages:** PHP, JavaScript (ES6+), HTML5, CSS3, SCSS, SQL

**Frontend:** Vue.js, Vuex, Nuxt.js (SSR/SSG), Next.js, Vuetify, Three.js, Bootstrap, Tailwind CSS, Vue-i18n, Responsive Web Design

**Backend:** Laravel, Node.js, Express.js, RESTful API Design, MVC, OOP, Queues, Laravel Sanctum, JWT, OAuth2

**Databases:** MySQL, SQL Server, Oracle, Firebase, Redis (Caching and Queues)

**DevOps & Tools:** Docker, Git, GitHub, Linux, CI/CD, Nginx, Postman, FFmpeg

**Other Skills:** System Design, SSR/SSG, AI Workflow Integration, Performance Optimization, SEO, Unit Testing, Code Review

**Methodologies:** Agile, Scrum, Git Flow, Technical Documentation

## WORK EXPERIENCE

**Full Stack Developer** | **VERO Advanced Solutions** · Nasr City, Egypt

July 2023 – Present

- Built and maintained web platforms for enterprise clients, including an AI-powered LMS that handles 1,000+ concurrent users.
- Developed backend systems using Laravel and Node.js — RESTful APIs, authentication with JWT and Laravel Sanctum, and role-based access control.
- Built SSR and SSG frontends using Nuxt.js which improved page load speed and SEO performance for client platforms.
- Added multi-language RTL/LTR support using Vue-i18n in Vue.js apps, so users can switch between Arabic and English without reloading the page.
- Set up Redis queues for background tasks like AI session handling, report generation, certificate emails, and LMS data sync.
- Managed Docker-based deployments on Linux servers and set up CI/CD pipelines for consistent and reliable releases.
- Improved performance on existing projects by optimizing database queries and adding caching — reduced load times by around 40% in some cases.
- Reviewed code, wrote documentation, and helped junior developers on the team as part of an Agile workflow.

**Frontend Developer (Part-Time, Remote)** | **NEOMI** · Remote

March 2024 – November 2024

- Worked on a gamified educational platform (justtolearn.com), building 3D learning components using Three.js with Vue.js and Nuxt.js.
- Built Vue.js components that connected to Laravel REST APIs, with Nuxt.js handling SSR for better performance and search engine visibility.
- Built real-time feedback tools and dashboards that helped teachers track student progress and performance.
- Worked closely with the UI/UX team to turn designs into clean, working interfaces.

## Web Development Instructor (Part-Time) | D.Pear · Benha, Egypt

November 2021 – August 2023

- Taught web development courses covering Laravel, Vue.js, Node.js, PHP, and REST API design to groups of 20+ students.
- Guided students through building full-stack projects from scratch, and did regular code reviews with personal feedback.
- Several students got their first developer jobs after completing the course.

## PHP Developer | Creativo · Mansoura, Egypt

July 2019 – August 2021

- Built full websites using PHP, MySQL, HTML5, CSS3, JavaScript, and jQuery — working from PSD files through to live deployment.
- Tested applications before launch, fixed bugs, and optimized database queries for better performance.
- Used MVC structure and OOP practices to keep code organized and easy to maintain.

## KEY PROJECTS

---

### VEROLabs – VR Experiment Management Platform — [app.verolabsxr.com](http://app.verolabsxr.com)

**Stack:** Laravel, moodle, Vue.js, Nuxt.js, Redis, MySQL, Docker, Git, REST APIs, JWT, SSR/SSG

- Designed and built a full-stack VR experiment management platform from scratch, covering system architecture, database design, REST APIs, authentication, and frontend development for managing immersive VR experiments through a unified web interface.
- Built a complete VR workflow enabling students to browse experiments, install them on VR devices, and execute them while the web platform continuously tracks logs, progress, and interaction data in real time.
- Developed an AI-assisted student interaction system where users can ask context-aware questions about each VR experiment through an integrated chat system with controlled token-based usage per session.
- Implemented advanced AI configuration workflows allowing dynamic control of experiment-related AI behavior and responses based on each VR activity context.
- Integrated LMS systems (Moodle and Canvas) to synchronize learning activities, exchange user progress data, and update external platforms based on VR experiment completion states.
- Implemented secure authentication using Microsoft OAuth integration, enabling enterprise-grade login and identity management for students and administrators.
- Used Nuxt.js for SSR/SSG rendering to improve performance, scalability, and SEO of the web platform.
- Implemented Redis queues to handle heavy asynchronous processing such as VR session logs, AI chat requests, LMS synchronization, and activity tracking.
- Developed scalable backend services using Laravel and Node.js to manage experiment lifecycle, real-time events, and external system integrations.
- Optimized MySQL database structure and added caching layers to ensure high performance under concurrent usage and large data flows.
- Used Docker and Git-based CI/CD pipelines for consistent deployment across development and production environments.
- Designed a modular and extensible architecture to support future expansion of VR experiments, analytics dashboards, AI modules, and educational integrations.

### HustleLab – School Learning Management System — [my.thehustlelab.io](http://my.thehustlelab.io)

**Stack:** Laravel, Vue.js, Nuxt.js, Redis, Firebase, FFmpeg, Docker, MySQL

- Built a full LMS with video courses, quizzes, progress tracking, certificates, and reports.

- Used Nuxt.js for SSR on public course pages to improve SEO and loading speed for unauthenticated users.
- Set up FFmpeg for adaptive video streaming and used Redis queues for generating reports, sending certificates, and bulk emails in the background.
- Deployed the whole app in Docker containers for clean, repeatable environments.

### **Personal Learning Coach (PLC)** — [personallearningcoach.com](http://personallearningcoach.com)

**Stack:** Laravel, Vue.js, Vuetify, Firebase, MySQL

- Built a learning tracker and team management tool with dashboards, goal setting, and progress charts.
- Added Excel import/export, RTL support, and SEO optimization for the Vue.js frontend.

### **Just To Learn – NEOMI Educational Platform** — [justtolearn.com](http://justtolearn.com)

**Stack:** Laravel, Vue.js, Nuxt.js, Three.js, MySQL

- Built 3D interactive learning components using Three.js inside a Nuxt.js/Vue.js frontend.
- Built Laravel APIs to feed data into the 3D components in real time.
- Added tools for lesson planning, test correction, and student evaluation with teacher dashboards.

### **Medical Auditing System – MAGRABI** — [magrabi.test.vero-cloud.com](http://magrabi.test.vero-cloud.com)

**Stack:** Laravel, Oracle, Vue.js

- Built secure backend modules for tracking medical cases, audit reports, and compliance workflows.
- Used Oracle for the database with role-based access control to keep sensitive data protected.
- Built dashboards and audit tools so compliance teams could review and manage cases easily.

### **Arab Mech – Corporate Website** — [arab-mech.com](http://arab-mech.com)

**Stack:** Laravel, MySQL, Bootstrap, PHP

- Built a responsive multi-section corporate site with a Laravel admin backend for content management.

## **EDUCATION**

---

### **B.Sc. in Computer Science** — Benha University, Egypt

*Graduated July 2021 · Cumulative Grade: Very Good*

- Graduation Project: Developmental Support System for Children with Mental Delays — Grade: Excellent

## **LANGUAGES**

---

**Arabic:** Native

**English:** Intermediate (Working Proficiency)