

Mohamed Ali Amen Diab

Full Stack Web Application Developer

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🔗 mohamed-ali-amen-diab.vercel.app

Professional Summary

Full Stack Developer with a strong backend background in PHP/Laravel, Node.js/Express, and Angular. Built and maintained marketplaces, CRMs, event-booking platforms, and academic systems, with a focus on REST APIs, authentication/RBAC, MySQL and MongoDB, and automated email/SMS workflows. Comfortable shipping to production on Linux and cloud (Apache, VPS/PM2, Firebase) and modernizing legacy codebases for reliability. B.Sc. in Information Technology (EELU) and a 9-month ITI diploma in Open Source Application Development; additional hands-on work with Flutter Web, Firebase, Socket.io, and C#/.NET.

Technical Skills

Languages: PHP, JavaScript (ES6+), TypeScript, C#, SQL, Dart

Backend: Laravel, Node.js, Express, ASP.NET Core, RESTful APIs, MVC, OOP

Frontend: Angular, Flutter Web, HTML5, CSS3, Responsive UI

Databases: MySQL, MongoDB, PostgreSQL, Firebase Firestore, Firebase Realtime Database, Query Optimization

Cloud & DevOps: Linux, Apache, Git, Docker, Firebase (Auth, Functions, Hosting), PM2, VPS

Auth & Security: JWT, RBAC, Firebase Auth, OWASP basics (XSS, CSRF, SQL injection)

Integrations: Mailgun, Postmark, SendGrid, Twilio, PHPMailer, WordPress

Testing & Practices: PHPUnit, Clean Architecture, MVVM, Cron Jobs, Webhooks

Professional Experience

Full Stack Developer – Farahy  08/2025 – Present
cairo

- Built and maintained a full-stack event booking platform using **Node.js** and **Angular 16**.
- Developed serverless backend logic using **Firebase Functions**.
- Designed and managed data architecture using **Firebase Realtime Database** and **Cloud Firestore**.
- Integrated **SendGrid** and **Twilio (SMTP)** for automated email and SMS notifications.
- Implemented secure authentication and role-based access control using **Firebase Auth**.

Full Stack Developer – Farahy CRM  08/2025

- Built and maintained an internal full-stack CRM using Flutter Web, Node.js/Express, and MongoDB for clients, events, suppliers, employees, and financial tracking.

- Implemented Firebase Auth with role-based access control, including roles, per-user permission overrides, and a Users & Permissions admin panel.
- Designed supplier-account and event-budget workflows (Estimate Budget, commissions, Final S, To Be Paid, and remaining balances).
- Developed automated email flows for client/event assignment, reminder create/due alerts, account invites, verification codes, and password reset.
- Deployed the product to production (Firebase Hosting + Linux VPS/PM2), including versioned frontend releases.

Full Stack Developer – WeddingsOnline UAE [🔗](#)

08/2025
UAE (Remote)

- Maintain and extend a production wedding marketplace (weddingsonline.ae [🔗](#)) for couples and suppliers, built on PHP, MySQL, Smarty, and a custom OOP architecture with four portals: public site, admin CMS, Supplier HQ, and sales CRM.
- Built a unified Service/Venue Finder that matches couples to vendors by region, category, budget, and capacity, then routes qualified leads through a queued email pipeline (Postmark/Mailgun) with cron delivery, suppression, and retry handling.
- Redesigned the WordPress blog (listing and single post) and supplier-facing pages with responsive HTML/CSS/JS, and shipped a WebP image pipeline (conversion cron, TimThumb, output buffering) to cut image weight.
- Modernized a large legacy codebase for PHP 7.4 (mysql_* → mysqli, PHPExcel/PHPMailer compatibility), set up a Linux/Apache local environment, and shipped production hotfixes for lead delivery, Supplier HQ login, and supplier website URLs.

Laravel Developer – Dubai Wedding Summit [🔗](#)

08/2025 – Present
Emarat (Remote)

- Developed Laravel-based backend with secure REST APIs.
- Designed MySQL database structure for event registration system.

Full Stack Developer – WiddingsOnline [🔗](#)

08/2025 – Present
Mauritius (Remote)

- Developed scalable PHP-based web applications.
- Designed 15+ REST APIs and optimized MySQL queries reducing response time by 40%.
- Built responsive UI using Tailwind CSS.

Full Stack Developer – Galeloo (Freelancer) [🔗](#)

11/2025 – 05/2026
cairo (Remote)

- Built backend systems using PHP and Node.js.
- Implemented real-time features using Socket.io [🔗](#).
- Designed relational database schemas aligned with business workflows.

Full Stack Developer – Masar University [🔗](#)

12/2025 – 03/2026
Emarat (Remote)

- Developed LMS and SIS modules serving 2,000+ students.
- Designed 20+ REST APIs with JWT authentication.
- Optimized MySQL queries reducing response time by 35%.
- Implemented RBAC system for 5+ user roles.

Projects

Warehouse Inventory Reservation Engine [↗](#)

07/2026 – 07/2026

- Built a concurrent inventory reservation engine with row-level locking to prevent overselling.
- Implemented idempotent reservation/shipment processing for retries and duplicate webhooks.
- Modeled stock buckets (available/reserved/picked/packed) with an append-only movement ledger.
- Covered critical business risks with PHPUnit (last-unit race, duplicate events, timeout then confirm).

Exam System [↗](#)

04/2025

- Developed role-based examination platform.
- Built REST APIs using Node.js and Express.
- Integrated performance analytics using Chart.js.

Employee Management System [↗](#)

05/2025

- Built full-stack system using Laravel and Angular.
- Implemented authentication and RBAC.
- Designed normalized MySQL database schema.
- Developed RESTful APIs for job posting and CV management.

CoffeeCenter Ordering System [↗](#)

12/2024

- Implemented secure authentication system.
- Integrated email notifications using PHPMailer.
- Designed relational database schema.

Education

Open Source App Development Diploma 9-month, ITI

10/2024 – 06/2025
Egypt

Egyptian E_Learning University Bachelor of Information technology, EELU

10/2019 – 07/2023
Egypt

- GPA : 2.93/4
- Graduation Project : **Bad Food Detection Using AI**
Developed an AI-based image classification system to detect spoiled food using computer vision techniques.

Soft Skills

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|----------------------------------|------------------------|
| • Cross-functional Collaboration | • Problem Solving |
| • Technical Communication | • Production Ownership |
| • Time Management | • Independent Delivery |

Languages

* **Arabic** — Native/Bilingual

* **English** — Fluent