MOHAMMED HAMDY

Senior Backend Developer | PHP · Laravel

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SUMMARY

Senior Backend Developer with 9 years building PHP/Laravel systems for government, healthcare, and real-time platforms. Currently building membership and valuation workflows at the Saudi Authority for Accredited Valuers (Taqeem) on a platform with ~50K users and 2M+ reports. Previously led backend delivery for client projects in payments, real-time, and video.

EXPERIENCE

Senior Backend Developer
Nov 2023 – Present

Saudi Authority for Accredited Valuers (Taqeem) — Riyadh, KSA (Remote)

- Develop and maintain multiple Laravel platforms in Taqeem's ecosystem, which regulates the valuation profession in Saudi Arabia, serving **~50K users** and **2M+ valuation reports**.
- Built the **Professional Certificate membership track** for applicants without postgraduate degrees: rule-based eligibility, a multi-stage workflow (review, payment, approval), and automatic membership activation with access to the platform's courses.
- Designed the **Fellowship membership tier** with a 5-year renewal cycle and configurable eligibility rules, plus renewal gating that requires members inactive in their studies to complete a remedial course before renewing.
- Built the **gemstone valuation request** module, extending the valuation request lifecycle to a new asset class.
- Improved performance of high-traffic endpoints through **database indexing, caching, and moving heavy processing to queues**.

Senior Backend Developer (Backend Lead)
Jan 2021 – Oct 2023

CAT – Advertising Agency — Cairo, Egypt

- Acted as **lead backend developer** across client projects: owned the backend end-to-end, broke down and assigned tasks, and coordinated with the tech lead, project manager, and clients for a squad of backend, frontend, QA, and UI/UX.
- Built **NovoCare**, an in-pharmacy live support system: customers use an in-store tablet to reach support agents via **real-time chat, voice, or video (Twilio)**. Also built the agent-side support console and post-session customer ratings.
- Built the backend for **VYA**, a real-time auction platform: live bidding and chat with **Laravel, Redis, and Socket.IO**, an in-app **wallet topped up with mada cards via EdfaPay**, and **shipping integration with OTO** (KSA).
- Deployed and maintained self-hosted **BigBlueButton** servers (Ubuntu, Nginx, SSL) for client virtual-classroom platforms, and extended them with a custom **live chat built on JavaScript and Socket.IO**.
- Built **Catalyst**, an internal management platform serving web and mobile clients from a single Laravel API, streamlining workflows between sales, procurement, and management. Also delivered a GraphQL API for a separate client project.

Senior PHP Developer
Nov 2018 – Jan 2021

AWStreams – Digital Agency — Cairo, Egypt

- Designed and built secure **RESTful APIs** with JWT authentication for the OZZ mobile app, and deployed it on **AWS** using **RDS and S3** for database and file storage.
- Developed Laravel platforms Dxpo (for companies) and Smrt.Cards (for individuals), and set up **BigBlueButton** for video conferencing features.
- Integrated **Firebase Cloud Messaging** for real-time push notifications across mobile apps.

PHP Developer
Nov 2017 – Nov 2018

ITQAN – Software House — Cairo, Egypt

- Built 3 web applications with Laravel and Vue.js, including integration with the Google Books API.

TECHNICAL SKILLS

Backend: PHP, Laravel, RESTful APIs, GraphQL, WebSockets (Socket.IO), JWT, OAuth2, Twilio, BigBlueButton, FCM, EdfaPay (mada), OTO, digital wallets

Databases & Caching: MySQL, PostgreSQL, Redis, query optimization, indexing

Queues & Async: Laravel Queues, Horizon, Amazon SQS, RabbitMQ

Testing, Cloud & DevOps: PHPUnit, Pest, Sentry, AWS (RDS, S3), DigitalOcean, Linux (Ubuntu), Nginx, GitHub Actions (CI/CD), Git

Practices & Tools: OOP, MVC, Agile/Scrum, API documentation (Swagger/OpenAPI, Postman); currently learning Go

EDUCATION & LANGUAGES

Bachelor's Degree in Information Systems – *Future Academy, Cairo, Egypt* 2011 – 2015

Arabic: Native | **English:** Professional working proficiency