

Mohamed Sayed Abdel Hafz

Backend Software Developer | PHP & LARAVEL

Egypt, Cairo | msa0back@gmail.com | +20 111 056 2097

mohamed-sayed.site | github.com/0MOHAMED0S | linkedin.com/in/mohamed-sayed-back-end0

PROFESSIONAL SUMMARY

Innovative Backend Software Developer with over 2 years of experience engineering scalable, dynamic web solutions. Proficient in PHP, Laravel, and MySQL, with a strong focus on architecting secure databases and developing robust APIs for seamless integration across both web and mobile applications. Adept at solving complex technical challenges with precise, clean code, and passionate about delivering highly professional, detail-oriented results.

EDUCATION

Higher Technological Institute in Beni Suef

2022 – 2026

Bachelor of Computer Science

Grade: Excellent (90.73%)

Rank: 1st in the class (Graduated with Highest Honors)

EXPERIENCE & PROJECTS

Wartil (E-Learning Ecosystem)

2026

Freelance Backend Developer

Live Project: wartil.com | **Source Code:** github.com/0MOHAMED0S/wartil

Solved the challenge of inflexible remote Quranic education by engineering an integrated platform featuring precision scheduling, minute-based billing, and zero-latency live audio and video calls with teachers.

- Architected a complete production-ready backend infrastructure for the Student and Teacher applications, designed the centralized Admin Dashboard, and successfully deployed the platform on Hostinger.
- Engineered a precision scheduling system using database transactions to prevent double-booking, alongside a dynamic minute-based wallet with XPay integration.
- Integrated Agora WebRTC and Pusher for zero-latency live sessions, and automated cost-efficient cloud recordings via Cloudflare R2.
- Designed a cost-optimized cloud recording architecture utilizing Cloudflare R2 to automate session storage while eliminating egress fees for the client.
- **Technologies:** PHP, Laravel, MySQL, WebSockets (Pusher), Agora WebRTC, Cloudflare R2, XPay, Hostinger.

Home Services (Service Marketplace Platform)

2025

Backend Developer

Source Code: github.com/0MOHAMED0S/Home-Services

A digital marketplace platform connecting homeowners with skilled freelancers for on-demand home maintenance and services.

- Architected a RESTful API infrastructure with a multi-guard authentication system, integrating Vonage OTP and Laravel Socialite for secure user onboarding.
- Engineered real-time chat and push notifications via Pusher and FCM, supported by scalable database schemas for dynamic service tracking and user ratings.
- Optimized application performance by offloading heavy tasks to Laravel Queues/Jobs and implementing strict API rate limiting, successfully deploying on Hostinger.
- **Technologies:** PHP, Laravel, MySQL, Pusher, FCM, Vonage, Queues, Hostinger.

MediNear (Healthcare Digital Platform – Graduation Project)

2026

Team Leader & Backend Developer

Live Project: medinear-eg.com | **Source Code:** github.com/0MOHAMED0S/MEDINEARR

Addressed the critical challenge of medicine shortages by developing a healthcare application that connects patients to the nearest stocked pharmacies, featuring medication reminders and AI-powered consultations.

- Led a multi-disciplinary tech team and engineered the core backend RESTful APIs for seamless mobile integration and medical logistics.
- Integrated Pusher for real-time chat and location-based request broadcasting, alongside Paymob for secure payment processing.
- **Award:** Secured 3rd place at the Entalaqa 4 competition hosted at the National Telecommunication Institute (NTI) in the New Administrative Capital.
- **Technologies:** PHP, Laravel, MySQL, Pusher, Paymob, Hostinger.

TECHNICAL SKILLS

PHP • Laravel • MySQL • RESTful API Development • Git & GitHub • Postman •

Object-Oriented Programming (OOP) • Database Design & Optimization • Third-Party API Integration • JSON • Backend Architecture.

LANGUAGES

Arabic: Native

English: Professional Working Proficiency