

MAHMOUD ABDEL WAHAB

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SUMMARY

I am a Backend Web Developer with 5+ years of experience building scalable and secure applications using PHP and Laravel. Expert in API development, database design, and performance optimization. Skilled in integrating third-party services, managing complex backend logic, and working with modern tools like Docker and Git.

A strong team player with a passion for clean code, automation, and solving real-world problems through efficient backend systems.

WORK EXPERIENCE

Senior BackEnd Developer

Al Sahab Global - Waseet Company (EGYPT, Heliopolis)

July 2025 - Present

- Designing and optimizing scalable backend services, integrating APIs, and ensuring system performance and reliability.

Senior BackEnd Developer

SILKY SYSTEMS (EGYPT, Nasr City - Saudi Arabia Company)

Apr 2022 - July 2025

- Led the backend development of the logistics system and driver app as part of a broader ERP ecosystem (Accounting, POS, CRM, Logistics).
- Rebuilt and modernized core systems with a team of two developers, driving architectural decisions, feature development, and technical improvements.
- Delivered continuous enhancements, solved critical issues, and introduced scalable features to improve system reliability and user experience.
- Orchestrated system integration using Docker and RabbitMQ to enable efficient communication between microservices and unify all systems into a single ecosystem.
- Focused on performance optimization, code refactoring, and applying clean architecture principles to improve project maintainability.

Web Developer

CHD, (EGYPT, Nasr City)

Dec 2021 - Apr 2022

- Developed and maintained a multi-tenancy restaurant management system, including a website and mobile apps for delivery and waiter operations.
- Implemented Docker for containerization, improving deployment efficiency, environment consistency, and system scalability.
- Enhanced and supported an internal ERP system for trading operations using the Django framework and Python, contributing to new features and system stability.

Junior Backend Developer

SAHLSOLUTIONS, (EGYPT, Nasr City)

Mar 2020 - Dec 2021

- Contributed to the company's core e-commerce platform built with Laravel, focusing on improving system performance and expanding functionality.
- Rebuilt key backend modules, added new features, and applied updates across backend, frontend, and mobile applications.
- Developed and optimized RESTful APIs for mobile apps, improving speed and reliability by implementing caching and database indexing.
- Extended system capabilities by integrating third-party services, including shipping providers (e.g., SLD Aramex) and payment gateways (e.g., HyperPay).

Trainee As Backend Developer

Jun 2017 - Dec 2019

FREELANCER, ONLINE, (EGYPT)

- Worked on various small-to-mid scale backend projects, including developing and maintaining Optics dashboard features and components.
- Received hands-on Laravel training and contributed to internal projects within a startup in Tanta, focusing on building and improving basic Laravel applications.

EDUCATION

Bachelor of Computer Science in 2014 to 2018

Faculty of Computers and Information, Menoufia University – Egypt

- Honors: good, B.S.E. in Computer Science.
- My Graduation project was an E-Commerce introducing some NLP features using PHP Framework Laravel.
- Graduate Coursework: Data structures; Algorithms; Artificial Intelligence; Algorithms; NLP;
- Databases; Programming Languages.

SKILLS

Languages	PHP, JavaScript, Java SE, SQL, HTML, CSS
Tools/Frameworks	Laravel, CakePHP, Livewire, Bootstrap, jQuery, Node.js (Learning: React.js, Vue.js)
Databases	MySQL, PostgreSQL, Mongo
Other Skills	Git, Docker, Postman, Postbird, Insomnia, Apidog, Elasticsearch, Filament

PROJECTS

ERP System:

<https://erp.silkysystems.com/>

Logistics, Driver App, Accounting, POS, Crm and Integration Tenant

- Orchestrated system integration using Docker and RabbitMQ, enabling efficient microservices communication between ERP components.
- Delivered continuous improvements and new features across modules, ensuring high system reliability, performance, and maintainability.
- Led the backend development of the Logistics and Driver App modules, rebuilding architecture, improving performance, and managing a small dev team.

E-Commerce Website:

<https://bit.ly/44gERJc>

Multi-Vendor and Mobile App

- Developed RESTful APIs for both the mobile app and admin panel, enabling granular control over every aspect of the platform.
- Implemented payment gateway integrations by developing custom broker services for secure credit card transactions.

Modern Optics:

<https://modern-opt.com/optics/login>

Dashboard Controller

- Control a full range of sunglasses and prescription glasses from Modern-Optics Optical with more than 400 brands suitable for men, woman and children.
- Control branches, doctors, customers and users.
- Create Invoices for customers with all products and Glasses Lens details.
- Reporting details for all sections in system.

LANGUAGES

- Arabic
- English