Amira Kotb Massoud
Backend Developer (PHP / Laravel) | Transitioning to Python Backend
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Objective

Backend Developer with 4+ years of experience in designing, building, and maintaining scalable backend systems, REST APIs, and relational databases. Currently expanding expertise into Python and Django to align with fintech requirements, with strong focus on security, performance, and data integrity. Skilled in Laravel 8+, PHP OOP, MVC principles, MySQL optimization, and modern frontend technologies (Livewire, React, Vue.js).

Education

Computer Science Diploma – Faculty of Computers & Information, Menoufia University | 2024 – Present
Relevant Coursework: Distributed Systems, Software Engineering, NLP, Game Development, Mathematics (Math 1)

Bachelor's Degree – Management Information Systems (MIS), Faculty of Commerce, Alexandria University | 2015 – 2019

Experience

Backend Developer – Elite BRICKS Real Estate Brokers LLC | Jun 2025 – Present

- Developed APIs for iOS, Android, and web applications, serving 500+ daily users.
- Designed and implemented backend solutions using **Laravel 8+, PHP OOP, MVC**, optimizing MySQL queries and improving response times by 30%.
- Wrote clean, well-documented, and reusable code, improving maintainability by 25%.
- Integrated third-party APIs, payment gateways, and **microservices**, enabling secure transactions for 200+ monthly clients.
- Performed unit testing, debugging, and code reviews to reduce production bugs by 40%.
- Collaborated with frontend developers using **Livewire, React, Vue.js** for seamless integration.

Backend Developer – Artra Trading | Jul 2023 – Feb 2025

- Maintained and enhanced backend systems using Laravel, supporting 100+ client projects.
- Optimized API performance by 20% through efficient MySQL query design.
- Integrated third-party APIs and caching mechanisms (**Redis**) to improve system stability.
- Performed unit testing, debugging, and participated in code reviews.
- Developed RESTful APIs for external applications and internal microservices.

Information Technology Institute (ITI) – 3-Month Diploma, PHP Track | MCIT, Aswan Branch

Projects

Property Adviser – https://p-adviser.com

- Developed full backend using Laravel/PHP and MySQL, exposing REST APIs for web and mobile apps.
- Managed 1000+ property projects and units with advanced search, filtering, and property types.
- Implemented unit reservation system with payments, invoices, and approval workflows.
- Built notification and chat system for 300+ active users.
- Integrated AI chatbot and managed related data in MongoDB.
- Handled user authentication including social login, email OTP, and password reset flows.

JPN Filter – https://jpnfilter.com

- Developed data management system using Laravel and REST APIs, handling 500+ daily requests.
- Optimized search and filtering, improving performance by 35%.
- Managed live data updates and administrative features for end-users.
- Integrated API endpoints for internal and external services.

Technical Skills

Languages: PHP 8+, Python (transitioning), SQL
Frameworks: Laravel 8+, Django (learning)
Frontend/Modern Tech: Livewire, React, Vue.js, Bootstrap, Tailwind CSS
Databases: MySQL, PostgreSQL, Redis
APIs & Tools: RESTful APIs, Authentication, JWT, Git, GitHub, GitLab, Docker, Linux, Postman

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Personal Skills

- Flexible, organized, and results-oriented
- Self-motivated and independent
- Strong problem-solving and multitasking skills
- Collaborative team player

Languages

- Arabic: Native
- English: Good