Belal Ashraf Zeina

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Professional Summary

Results-driven **Back-End Developer** with 3+ years of experience in **Laravel** and modern PHP frameworks. Expertise in developing scalable RESTful APIs, optimizing MySQL performance, and implementing CI/CD pipelines. Proven ability to collaborate with cross-functional teams in Agile environments to deliver high-quality, maintainable solutions. Strong background in AI integration with web applications.

Technical Skills

Languages:	PHP, JavaScript, Python, SQL
Frameworks:	Laravel, Livewire, React.js, Tailwind CSS, Bootstrap
Databases:	MySQL, PostgreSQL, Database Optimization
API Development:	RESTful API Design, API Documentation, Postman
DevOps:	Git, GitHub, CI/CD, SSH, Docker (Basic)
AI/ML:	TensorFlow, PyTorch, Computer Vision, Data Science
Other:	Agile/Scrum, JIRA, SEO, Google Analytics, Linux Server Management

Professional Experience

Freelance Web Developer   *2023–Present*

- Developed custom backend solutions for 15+ clients using Laravel and modern PHP practices
- Integrated AI/ML models with web applications for enhanced functionality
- Reduced average page load times by 35% through database optimization techniques

Back-End Developer, Tek-Part Company   *Feb 2024–Sep 2024*

- Designed and implemented scalable RESTful APIs serving 10,000+ daily requests
- Optimized MySQL queries, reducing average response time by 40%
- Implemented CI/CD pipeline reducing deployment time by 60%
- Conducted code reviews and mentored junior developers
- Created comprehensive API documentation using Swagger/OpenAPI

Education

Bachelor of Artificial Intelligence, Faculty of AI, Kafr El-Sheikh University   *2021–2025*

- Specialization: Data Science, Machine Learning, Deep Learning
- Relevant coursework: Algorithms, Data Structures, Database Systems

Languages

Arabic: Native
English: Good (Reading, Writing, Speaking)

Selected Projects

Seazera
↗ seazera.ashraf.zone

- **Lead Full-Stack Developer** for an AI-powered aquaculture monitoring system.

- Designed and implemented the entire web architecture:

    Frontend: Laravel with Livewire dashboard for real-time disease alerts and analytics.

    Backend: Laravel API serving AI models (TensorFlow/PyTorch) with IoT integration.

    AI Pipeline: Computer vision system for fish disease classification (90%+ accuracy).

- Key achievements:

    Reduced response time by 40% through WebSocket-based live monitoring.

Secured sensitive farm data with API-KEY, Authentication and role-based access.

- **Tech**: React, Laravel, Python (AI), MySQL, OpenCV, WebSockets.

   – Real Estate Platform

🔗 deiyar.com

- Developed a **Laravel dashboard** for CMS (user roles, dynamic content) with **React** frontend via REST APIs.
- Built secure **RESTful APIs** for seamless Laravel-React data flow.
- Optimized performance (caching, DB indexing) and collaborated with frontend team.
- **Tech**: Laravel, React, MySQL, Tailwind, Git.

PodcastOnly – Podcast Streaming Platform

🔗 podcastonly.me

- Developed a social media platform with real-time chat functionality using Laravel and React.js.
- Implemented features such as user profiles, friend requests, messaging, and notifications.
- Collaborated with frontend teams to create a React.js interface for displaying and interacting with different post types

Hayat Discount – Offers Portal

🔗 hayatdiscount.com

- E-commerce platform for vendors to **publish offers** and users to **buy/validate coupons**.
- Implemented **coupon management** (generation, validation, analytics) and vendor dashboards.
- Enhanced security for transactions and user data (JWT, encryption).
- **Tech**: Laravel, React, MySQL, REST APIs, Payment Gateway Integration.

GridShop – E-commerce Storefront

🔗 ecommerce.softwareconnect.net

- Developed product management, cart system, and checkout logic using Laravel and Livewire.
- Built Blade-based admin panel for products, orders, shipping zones, and promo codes.

Nile Valley – Corporate Profile Website

🔗 nilevalley-eg.com

- Built company profile CMS with Laravel Blade to manage content, services, and team members.
- Designed an intuitive dashboard to manage multilingual sections, services, and SEO metadata.

Hassan Farag Import & Export

🔗 hassanfaragimportexport.com

- Developed a clean back-end system for content editing, contact form submissions, and media management.
- Created a dashboard for managing product catalogs, certificates, and testimonials using Blade.

E-Menu – Digital Restaurant Menu

🔗 uguest.net

- Built a QR-based menu system with category-wise item display using Laravel and MySQL.
- Developed a restaurant dashboard with Livewire for managing items, prices, and visibility.
- React.js frontend integrated with APIs to allow customers to view dynamic menu on any device.

MJohar – School Management Platform

🔗 mjohar.net

- Designed complex logic for attendance, student reports, verbal alerts, and data tracking using Laravel.
- Built a dashboard for admins with real-time monitoring.
- APIs have been created for administrators and teachers to integrate with React.js.
- Integrated with React.js interface for student data management and Excel/PDF exporting.

Smart Switch – Electronics E-commerce

⤢ smartswitch-eg.com

- Developed e-commerce logic for product browsing, cart, checkout, and payments via PayMob.
- Created an admin dashboard with Blade for managing orders, customers, and inventory.
- Built API endpoints for a React.js UI to handle catalog browsing and order placement.

Number Geniuses – Learning Management System

⤢ academy.softwareconnect.net

- Created educational modules and backend logic for solving math problems (addition to exponentiation).
- Developed Blade admin panel to manage users, reports, and performance statistics.
- Collaborated with React.js team to provide seamless API integration for the student experience.

Online Order – Products Delivery System

⤢ online-order.net

- Built a Laravel Livewire backend for products orders, delivery status, and management.

Alam Foundation – Social Freelance Platform

⤢ alam.foundation

- Developed social feed, friend requests, chat system, and freelance job posting using Laravel.
- Blade dashboard for admin moderation, user control, and role management.
- Provided APIs consumed by React.js front-end for dynamic post and messaging interaction.

Helnt – Product Showcase Platform

⤢ helnt.com

- Created a Laravel backend to manage product categories, stock, and gallery media.
- Developed custom Blade-based admin panel and integrated with React UI for visitors.