

# Abdullatif Badr

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**Backend developer** with over four years of expertise in designing and developing software solutions. I have a strong command of **PHP**, including **Laravel**, CodeIgniter, and Yii2, as well as proficiency in **JavaScript** (jQuery, VueJS, **NodeJS**) and **Python (Odoo ERP)**.

My skills extend beyond coding alone. I have a deep understanding of software design principles, which allows me to approach development projects with a comprehensive perspective. By considering factors such as scalability, maintainability, and extensibility, I deeply committed to create elegant and efficient solutions that not only fulfill functional requirements but also align with industry best practices and standards.

## Experience

2019 - 2023

Backend Developer - MADFOX SOLUTIONS- Fujairah, UAE

- Played a key role in all stages of the **software development cycle**, starting with **studying the requirements** of the project and reaching the deployment phase.
- **Led** backend development for multiple web applications using **PHP** frameworks (**Laravel**, CodeIgniter, Yii2), **JavaScript (NodeJS)**, **Python** and **Odoo ERP**.
- **Collaborated** with front-end developers and UI/UX designers to integrate APIs, ensuring seamless functionality and a cohesive user experience.
- Designed and implemented **robust database** architectures and optimized query performance for large-scale data-driven applications (MySQL, PostgreSQL).
- Implemented **RESTful APIs** for third-party integrations, enabling data exchange with external systems.
- Wrote comprehensive **unit tests** for backend code, ensuring high code coverage and reliable software quality (PHPUnit).
- Actively resolved bugs and issues by conducting thorough **debugging** and implementing **effective solutions**.
- **Refactored** an obsolete codebase, improving code **maintainability**, **readability**, and **performance**.
- Demonstrated strong attention to detail by creating clear and comprehensive **software documentation**, including technical specifications, **API documentation**, and user guides (Notion, Swagger, Postman).
- Implemented **version control** using **Git** and actively participated in **code reviews** for quality assurance.
- Worked closely with project managers to **meet project deadlines** and deliver high-quality solutions.
- **Mentored** junior developers on best practices for software development, such as design patterns, testing, and continuous integration.

## Projects

**EBA extractor** (Successfully integrated with leading dropshipping e-commerce in Africa)

- **Revolutionized** data extraction by seamlessly scraping an extensive range of e-commerce giants such as Amazon, eBay, and Walmart, meticulously gathering millions of product listings and effortlessly integrating them into the client's system.
- Technologies utilized: **Python** + Scrapy for web scraping capabilities, **MongoDB** for robust and scalable data storage, and **Redis** for data caching, resulting in unmatched **performance and efficiency**.

**Aman Oman** (A Logistics company that provides a variety of services, including freight forwarding, warehousing, and customs clearance. Aman Oman is headquartered in Muscat, Oman, and has a network of offices throughout the Middle East and Africa).

- Refactored/Upgraded the whole system from PHP 5 to a **secure, robust, scalable, and maintainable** system using PHP 7 (Laravel) and following the standard design principles which resulted in **cost savings** for system maintenance.
- Re-built the dashboard to be aligned with the modern UI/UX standards which significantly **improved** the user experience and **increased convenience** for employees during their work.
- Built a shipment tracking system to **enhance** operational transparency and provide real-time visibility into the status of shipments which ultimately enhanced customer satisfaction, resulting in **increased sales and business growth**.

## Education

2017-2020 – DAMASCUS UNIVERSITY

SOFTWARE ENGINEERING

## Skills

**Programming Languages and Frameworks:** PHP (Laravel, CodeIgniter, Yii2), JavaScript (Node.js, Vue.js, puppeteer), and Python (Odoo ERP, Scrapy).

**Database:** MySQL, PostgreSQL

**OS:** Ubuntu, CentOS, Arch Linux.

**Tools/Technologies:** Git (Gitlab, GitHub), Docker, Kubernetes, Nginx, Apache, Redis, Firebase, PHPUnit.

**Project Management:** Click Up, Notion, GitLab