

Watheq Alshowaiter

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Full-stack developer with **4+ years of experience**, specializing in **backend development with PHP/Laravel**. Skilled in building **high-performance, secure, and scalable systems**, including API development, **queues/jobs**, **database optimization**, and **automated testing**. Experienced in **cloud deployment**, **CI/CD**, and **error monitoring** for production-level applications. Passionate about delivering **well-tested, reliable features** and contributing to **open-source projects**.

Core Skills & Technologies: PHP/Laravel, PostgreSQL, MySQL, SQLite, Queues/Jobs, API Development, PHPUnit, Pest PHP, CI/CD (GitHub Actions), PDF Generation, System Monitoring.

Experience

[Automa8e](#) – Backend Developer | Remote (Singapore)

August 2024 - Present

Full-featured web-based accounting platform covering corporate management to AI-powered document extraction.

- Integrated **dot matrix printing** for legacy hardware, with support for **user-defined coordinates** in sales reports.
- Enhanced **the annual PDF report**, improving layout and readability.
- Set up a proper **test suite** and maintained **100+ automated tests** with over **2,000 assertions**.
- Set up **test architecture** and **CI/CD with GitHub Actions** for pull requests and main pushes.
- Implemented **encryption** for sensitive data to strengthen security.
- Implemented **RTL, localization**, and **numeral system support** to enhance accessibility.
- Upgraded a project **codebase** from **Laravel 9 to 11**, improving stability and access to new features.
- Implemented a clinic and lab management project from scratch.

[Mootelz](#) – Backend Developer | Remote (Saudi Arabia)

May 2024 – August 2024

Hotel booking system for the MENA region and worldwide

- Integrated **APIs** with hotel providers such as [Hotelbeds](#).
- Fixed, maintained, and optimized **API performance**.
- Improved **database structure and performance** by adding foreign keys and indexes.

[Smart Mind for Systems](#) – Full Stack Developer | Onsite (Sana'a, Yemen)

October 2021 - March 2024

key projects:

- [Famcare](#) – a leading psychological platform in Saudi Arabia for online therapy sessions and support groups.
- Managed a **large codebase** post handover:
 - **1k classes**, **+1k automated tests**, **+300k users**, **+80k paid packages**.
 - **WooCommerce** for handling payments, **Vapor** for handling **AWS** for services and **Forge** for other services.
 - **BigBlueButton** for Support Group meetings and **Agora** for online sessions.
 - **HyperPay** and **Tabby** as payment gateways.
 - **Unifonic** for SMS.
 - **Split** for **feature flag**.
 - **Algolia** for some parts of the search.
 - **PostgreSQL** is the main database used in the system.
- Troubleshoot **performance** issues with the help of the **Telescope** and **Flare**.
- Solve issues with **payment gateways** or **WooCommerce** integration.
- Improved **Laravel Nova** dashboard sections/pages.
- Write **automated tests** whenever possible using **PHPUnit** to ensure quality.
- Collaborated with **customer services team** to address user issues programmatically.
- [Eazycare](#) – lab and radiology booking platform in Saudi Arabia.
- Implemented **backend APIs** for mobile app and web.
- Involved in **project planning**, **database design**, and **deployment**.
- Key features:
 - **Scheduling** with delayed appointments.
 - **Excel import/export** handled using **queues**.
 - Integrated **Google Analytics** in the project dashboard.
 - Implemented **auditing** of core system processes.
 - Generated **PDF invoices in Arabic**.

NestorX – Frontend Developer | Remote (US)

April 2021 – May 2021

- Built dashboard with **React** and **Material UI**.
- Used **GitLab** for all code version control.

TECHNICAL PROJECTS

- **Israeli Tech Alternatives (2024)** – [GitHub](#) | [Live Site](#)
 - Laravel-based platform promoting alternatives to Israeli tech products.
 - Built using the **TALL stack: Tailwind CSS, Alpine.js, Laravel, Livewire**.
 - SQLite **Database**, with **Filament PHP** admin panel.
 - Monitored uptime using **UptimeRobot**, and error tracking with **Sentry/Laravel Nightwatch**.
 - Implemented **queues and jobs** for asynchronous media image processing.
 - Developed custom **Artisan commands** to import and normalize unstructured JSON data.
 - Improved **technical SEO**: optimized metadata, sitemaps, slugs, and page structure.
- **Simple Invoice Generator (2023)** - Freelance project [Project Images](#)
 - Backend built with **Laravel**.
 - Implemented **PHPUnit automated tests** covering most backend logic.

OPEN SOURCE

- [Backup Tables](#) (**Laravel package**): for backing up single or multiple database tables with ease.
- [Model Fields](#) (**Laravel package**): to get model fields by type: required, nullable, or default.

Both packages are:

- Fully tested with **PHPUnit** and integrated with **GitHub Actions**
- Supported **Laravel versions (6–12)** and **PHP versions (7.4–8.4)** for **backward compatibility**.
- Supports all major **SQL databases: SQLite, MySQL, PostgreSQL, and SQL Server**.
- **Contributor**: [Ar-php](#), [Spatie Model States](#), [Translation Checker](#), and [others](#).
- [Yemen Info](#): Structured database of Yemeni governorates, districts, and villages in multiple formats (SQL, JSON, CSV, YAML), created with the help of data normalization and automation scripts for keeping data in sync.
- [YemenOpenSource](#): Co-founded a social platform highlighting open-source contributions by Yemeni developers.

EDUCATION

- [Re:Coded](#) + [Flatiron School](#) **Bootcamp** — Frontend Web Development 2020
 - 5 months of intense web development program covering **JavaScript**, and **React.js** and modern development.
- **Bachelor of Information Technology** — Sana'a University, Yemen 2015–2019

Certificates

- **Practical Software Architecture Diploma** - [Link](#) January 2022
 - Includes 4 courses:
 - Software Architecture & Modular Monolith
 - Domain-Driven Design
 - Microservices.
 - Docker & Kubernetes
- **SQL (Intermediate) Certificate** - [HackerRank](#) January 2022
- **SQL (Basic) Certificate** - [HackerRank](#) January 2022
- **JavaScript Algorithms and Data Structures** - [freeCodeCamp](#) March 2021

LANGUAGES

- **Arabic**: Native
- **English**: Full professional proficiency
 - [EF SET Certificate: C2 Proficient \(2024\)](#)
 - TOEFL ITP Score: 487 (2016)