

# Abdalrhman Emad

FULLSTACK DEVELOPER

Cairo, Egypt

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## Summary

Experienced Laravel developer with 4 years of industry experience. Dedicated to delivering high-quality web solutions and continuously improving development processes. Seeking opportunities to contribute my expertise to innovative projects and collaborate with motivated teams.

## Work Experience

### Yummy.ps

Remote

#### Senior Full Stack Engineer

Oct 2024 - Present

- Responsible for architecting and enhancing both client-side and server-side architecture in a high-traffic on-demand platform, focusing on scalability, performance, and security.
- Designed and enhanced interactive, mobile-responsive front-end interfaces using HTML, CSS, JavaScript, and Vue.js to improve user experience and engagement.
- Optimized and managed large-scale MySQL databases, enhancing query performance and implementing complex data structures.
- Built, optimized, and maintained RESTful APIs for seamless integration with mobile apps and third-party services, ensuring high performance and security.
- Led performance testing and optimization efforts, identifying and resolving bottlenecks to ensure fast and efficient platform operation.
- Implemented advanced security protocols including encryption, authentication, and regular security audits to safeguard user data and platform integrity.
- Collaborated with cross-functional teams in an Agile environment to deliver new features, troubleshoot issues, and deploy regular updates without disrupting services.
- Mentored junior developers, conducted code reviews, and contributed to the ongoing improvement of the development workflow.

### Da3em

Mansoura, Egypt

#### Senior Backend Developer

Aug 2024 - Oct 2024

- Led the development team, enhancing their technical skills and efficiency while providing strategic direction and oversight for projects.
- Spearheaded the development of scalable and secure web applications, leveraging extensive expertise in back-end technologies.
- Architected and implemented solutions that ensure high performance, reliability, and security across platforms.
- Mentored junior developers, fostering a culture of knowledge sharing and technical excellence within the team.
- Collaborated closely with stakeholders to align technical solutions with business objectives, driving process improvements for greater efficiency and product quality.

### Code Clouders

Mansoura, Egypt

#### Full Stack Developer

May 2023 - Jul 2024

- Led the development of both backend and frontend solutions for various projects, ensuring high-quality, scalable, and maintainable code.
- Mentored and onboarded new trainees, providing guidance in modern web development technologies and best practices.
- Pioneered and implemented innovative solutions for internal challenges, driving product development for untapped market opportunities.
- Contributed to the skill development of ITI graduate students, mentoring them in problem-solving and adhering to fundamental programming principles.

### Freelancer

Remote

#### Full Stack Developer

May 2023 - Present

- Worked as a freelance developer, handling a variety of web development projects both independently and as part of collaborative teams.
- Delivered end-to-end solutions for clients, including front-end and back-end development, database design, and API integration.
- Adapted to diverse project requirements, managing timelines, and ensuring high-quality code delivery.

### DUBISIGN

Giza, Egypt

#### Backend Developer

Mar 2022 - Dec 2023

- Led backend development efforts for DUBISIGN projects, delivering high-performance, scalable solutions.
- Collaborated with the Back-End Team to develop critical government projects and educational systems for Emirati organizations.
- Contributed to both backend and frontend development, ensuring cohesive and efficient project delivery across full-stack components.

### IT-Misr

Giza, Egypt

#### Full Stack Developer

May 2021 - Feb 2022

- Worked as a Full Stack Developer on small to medium-sized projects, primarily for pharmacies, retail stores, and analytics platforms.
- Pioneered the development of new solutions for internal projects, taking full ownership of product ideas and implementation.
- Overcame significant challenges as the sole developer, driving both front-end and back-end development, which required rapid self-learning and adaptation.
- Initially hired as a Front-End Developer, Expanded my skillset to include back-end development with the Laravel framework to meet the company's needs.
- Successfully navigated the unique challenges of working in a non-software-centric company, proving adaptability and self-reliance in a high-demand environment.

# Projects

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## Smartstudent (C2C)

[Explore](#)

PHP, Laravel, Scaffolding, HMVC, Redis, MySQL

*Aug 2024 - Present*

- Developing and managing a comprehensive educational platform that connects expert educators with students, offering high-quality content across all academic levels.
- The platform features online study materials and courses, providing students with a thorough and engaging learning experience.

## Gado Eg

[Explore](#)

PHP, Laravel, HMVC, Scaffolding, Redis, MySQL

- Developed an e-commerce platform specializing in the sale of air conditioners and tools for workers.
- Implemented features for comparing market prices and stock exchange prices with Gado's pricing to enhance customer attraction and engagement.

## Best Touch Mobile App (B2C)

[Best Touch](#)

PHP, Laravel, HMVC, Scaffolding, Vue.js, MySQL

- Developed a comprehensive platform providing on-demand car services, including washing and cleaning.
- Implemented a B2C business model allowing users to book and pay directly to service providers, enhancing customer convenience.

## Nebraas

[Explore](#)

PHP, Laravel, Scaffolding, HMVC, APIs

*Aug 2024*

- Developed a user-friendly news website focusing on the Saudi arena, featuring written articles and timely updates.

## Electronic Engineer Mobile App (B2C)

[Explore](#)

PHP, Laravel, Scaffolding, HMVC, REST APIs

*Jun 2024 - Aug 2024*

- Developed a mobile application tailored for electronic engineers, streamlining the scheduling of emergency visits, service requests, and subscription plan management.
- As a backend developer, implemented and managed server-side logic, integrated databases, and ensured secure and efficient application operation.

## Drughub - Supply Chain System (B2B)

[Explore](#)

PHP, Laravel, Scaffolding, REST APIs, HMVC

*Feb 2023 - Apr 2024*

- Contributed as a backend developer to the development of a logistics management application, overseeing the project from inception to production deployment.
- Implemented performance optimizations and design patterns to enhance the application's efficiency and maintainability.
- Developed a messaging system to facilitate accurate and efficient communication between consumers and suppliers.

## Samsign (Smart TV Menu Display Software)

[Explore](#)

PHP, Laravel, MySQL, jQuery, Vue.js, JavaScript, WebSocket

*Jul 2024 - Aug 2024*

- Developed a comprehensive Menu Display Software solution designed to help businesses display their menus on smart TVs.
- The software features a user-friendly dashboard, an Android app, and a dedicated Android TV app for seamless management.
- Provided highly customizable options, enabling businesses to receive real-time updates, manage users, and access analytics with multi-language support.
- Tailored for restaurants, cafes, bars, and other businesses looking to enhance their customer experience through dynamic menu displays.

## School System (G2C)

PHP, Laravel, Scaffolding, HMVC

- Developed a system enabling parents to request their children from school. When a request is made, the system generates a voice announcement using the student's name, prompting them to go to their parent.

## Saveto (B2B)

[Explore](#)

PHP, Laravel, Scaffolding, HMVC, REST APIs

*Nov 2023 - Dec 2023*

- Served as a backend developer responsible for building the API for a mobile application catering to leading companies in the manufacturing of building and finishing materials.
- Integrated an additional system to enhance user familiarity and engagement with the Saveto platform.

## Printlis (SaaS Platform)

[Explore](#)

PHP, Laravel, Scaffolding, HMVC, Redis, Vue.js, Bootstrap, REST APIs, TypeScript, WebSocket

- Developed a platform connecting advertising offices with printing presses, streamlining the collaboration process.
- Implemented an internal e-commerce system for the sale of printing products, enhancing user experience and accessibility.
- Created a gallery system for designers to showcase their work and offer design services to printing press owners.
- Established an internal messaging system to facilitate seamless communication between users.

## Hospital Backend APIs (B2B)

[Explorer](#)

PHP, Laravel, GraphQL, Redis, MySQL

- Developed a comprehensive management system for hospitals, doctors, and patients, providing integrated medical services akin to platforms like Vezeeta.

# Packages

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## Scaffolding

Explore

PHP, Laravel, HMVC, Design patterns

Nov 2021 - Dec 2021

- Scaffolding is a strong and flexible structure based on HMVC architecture.
- The architecture was designed to be strong and flexible to adapt to any project, regardless of its size. It will make software design more enjoyable instead of more complex.

## PassAudit

Explore

PHP, Laravel, MySQL, Packager

Feb 2022 - Apr 2022

- PassAudit is a powerful and efficient Laravel package designed to enhance the security of user passwords any your application.
- This package provides a comprehensive solution to prevent users from reusing their previous passwords, thereby mitigating the risk of unauthorized access.

## Gatekeeper

Explorer

PHP, Laravel, MySQL, Packager

- This package provides a comprehensive system for managing roles and permissions in Laravel applications.
- It allows for easy creation and management of roles, assigning permissions to specific roles, and controlling access to different parts of the application based on a user's assigned roles and permissions.

## Laravel Model Event Booter

Explorer

PHP, Laravel

- Laravel Model Event Booter is a package that simplifies managing model events in Laravel by allowing you to define and map model events (e.g., created, updated, deleted, etc.) to custom classes.
- These classes handle the logic associated with those events, making your code cleaner, modular, and easier to maintain.

# Skills

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**Technical Skills** HTML/CSS, JavaScript, PHP, SQL, Bootstrap, VueJs, Laravel, MySql, NativePHP, SCSS, Typescript, Alpinejs

**Miscellaneous** Linux, Shell (Bash/Zsh), Git, Docker, Rides, GraphQL, Websocet, Webassembly.

**Soft Skills** Time Management, Teamwork, Problem-solving, Multitasking, Communication, Responsibility.

**Other skills** Data Structures, Algorithms, Problem-solving, Database Management, Software performance, CI-CD.

# Achievements

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2023	<b>Efficient Project Scaffolding</b> , Developed and implemented scalable project scaffolding across various Laravel projects, reducing project setup time by 60%.	Global
2023	<b>Performance Optimizer</b> , Reduced application load times by 25% for an e-commerce platform, improving user experience and increasing customer retention by 15%.	Mansoura, Egypt
2022	<b>Efficiency Pioneer</b> , Decreased server load by 35% using Redis caching mechanisms, optimizing application performance during peak usage periods.	Giza, Egypt
2023	<b>API Developer</b> , Developed a REST API for a supply chain system, reducing data processing time by 50% and supporting over 10,000 daily transactions.	Giza, Egypt

# Education

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## Ain Shams School

Ain Shams, Cairo, Egypt

Trading Diploma

Sept 2018 - 2021

Completed coursework in trading and finance before retiring from studies due to health conditions.

# Languages

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**Arabic** Native proficiency

**English** Professional proficiency

# Interests

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**WebAssembly** Enthusiastic about WebAssembly for developing high-performance web solutions.

**Linux Systems** A Linux enthusiast since 2017; recently transitioned to macOS, appreciating its Linux-like capabilities.

**Technical Writing** Authoring informative blogs on Linux, available on my **GitHub** and **Dev.to**.

**Performance Optimization** Dedicated to enhancing web performance through innovative solutions.