

# Islam Zekry

Senior Software Engineer · Backend · PHP | Laravel

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## Professional Summary

**Backend Engineer** with 7+ years of experience building high-throughput PHP/Laravel platforms for SaaS, telemetry, and data-driven products. Skilled in clean architecture, test-driven development, and DevOps automation—transforming monoliths into modular services, cutting response times, and boosting reliability. Adept at database optimisation, real-time messaging, and secure API design. Active open-source contributor, currently deep-diving into offensive cyber-security and red-team methodologies.

I excel in:

- Developing scalable web applications using modern frameworks such as Laravel.
- Quickly learning new technologies.
- Writing maintainable, clean code that adheres to standards and best practices.

Feel free to connect with me or send me a direct email at [theizekry@gmail.com](mailto:theizekry@gmail.com).

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## Work Experience:

- **Software Engineer at AFAQY (Apr 2020 - Present)**
  - Working on Company Product Based AVL ( Automatic Vehicle location ).
  - Developing Feature Updates and Maintenance for the AVL Project.
  - Refactoring legacy codebase.
  - Analyzing requirements to design solutions for new features and functionalities.
  - Thoroughly test new functionalities and existing systems.
  - Integrated with third parties based on business requirements.
  - Planning, developing, testing, and Deploying applications and features.
- **Software Developer at TruDoc 24x7 (Aug 2018 - Apr 2020)**
  - Working on Company Product Based EMR ( electronic-medical-record ).
  - Developing Feature Updates and Maintenance for EMR Project.
  - Design and develop highly scalable, and maintainable code.
  - Used both approaches, Test-Driven (TDD) and Behavior-Driven Development (BDD).
  - Analyzed business requirements, architected, and documented them.
  - Worked with the team to Integrate with third parties for a video call feature.
  - Working in a very iterative/agile development.

- **PHP Developer at SAWA - 4 (Jul 2016 - Jun 2018)**
    - Developing full websites backend and frontend with Laravel framework.
    - Developing REST API for mobile applications.
    - Planning, developing, and Deploying websites on the servers.
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## **Education and Training:**

- **Bachelor's Degree in Management Information Systems (MIS)** - Future Academy, **2016**
  - PHP Developer at Alpha Web Solution, Cairo (Feb 2015 – May 2015)
  - Completed the "SSH Basics for Cloud Security" online course on Udemy ( 2018 ).
  - Completed the “Laravel Best Practices & Design Patterns” online course on Udemy (2019).
  - And more.
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## **2025-2026 Continuous Development Targets**

- Deep-dive into CyberSecurity ( Red Teaming ).
  - Achieve OSCP certification.
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## **Technical Skills**

- Programming / Scripting Languages
  - PHP Native Language.
  - Familiar with Python.
  - Familiar with Javascript.
  - Bash Scripting.
- Databases
  - Database Server ( MySql ) as a Relational Database.
  - MongoDB as a NoSQL Database.
- Frameworks
  - Laravel.
  - Familiar with VueJs.
  - Familiar with NestJs.
- Tools
  - GitHub, Gitlab and Bitbucket.
  - PMS: Jira, Asana.
  - PhpStorm, Sublime, Vscode.
  - Postman - Rest Client - insomnia.

- VIM.
- Clockify.
- Other
  - Write Unit test - Feature test using PHPUnit.
  - MVC Architecture.
  - Object-Oriented Programming
  - Object-Oriented Design (OOD)
  - Solid Principles.
  - Real-Time and Web Sockets.
  - CLI, Terminal.
  - Familiar with Cloud Computing Concepts.
  - Version Control System ( GIT ).
  - Docker.
  - Web Services and RESTful APIs.
  - Third-party Integrations.
  - HTML, CSS, JavaScript, JQuery, Vue js, Twitter Bootstrap, Material design, and Tailwind CSS.
- Language
  - English.
  - Arabic.