

# KYRIAKOS MILAD

Full Stack Web Developer

Sohag, Egypt

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## SUMMARY

I am a Full Stack Web Developer with over four years of experience in producing robust, elegant, and tested code and building high-performance large-scale applications. I keep learning modern technologies and keep my skills updated. I have good experience in backend development and frontend development.

## SKILLS

**Professional:** PHP, Laravel, Go, MySQL

**Familiar with:** JavaScript/TypeScript, HTML, CSS, SASS, jQuery, Bootstrap, Vue.js, React.js, Node.js, Express.js, Nest.js, Python, MongoDB, PostgreSQL

**Infrastructure:** Linux, AWS, Git/GitHub, Agile/Scrum

## EXPERIENCE

Apr. 2022 – Current

**Shabahy**, Backend Engineer | Egypt, Remotely

Shabahy is a startup strangers chat platform.

Website: <https://www.shabahy.com>

- Worked with the frontend team to build and provide fully working backend services with RESTful API architecture using Go and PostgreSQL.
- Added support for sending images and voice-messages in the chat.
- Built a friends system.
- Built a news feed system.

Dec. 2021 – Apr. 2022

**My Duties**, Full Stack Web Developer | Saudi Arabia, Remotely

My Duties is a tasks management platform.

Website: <https://www.myduties.net>

- Built backend services with RESTful API architecture using PHP, Laravel framework, and MySQL.
- Restructured the database and developed a tool to transform records from the old schema to the new schema resulting in increased platform overall performance by 18%.
- Converted Ajax-jQuery frontend application to SPA made with Vue.js.
- Built a multi user roles based control panel.
- Built real-time multi-rooms chat system using laravel-websockets with access rules.

- Added support for project's owner to invite other users to join and co-work on the same project.

Apr. 2020 – Dec. 2021

**Growth Arabi**, Full Stack Web Developer | Jordan, Remotely

Growth Arabi is a digital marketing agency working in the middle east.

Website: <https://www.growtharabi.com>

- Designed the database schema in MySQL.
- Built backend services with RESTful API architecture using PHP, Laravel framework, and MySQL.
- Worked with the UI/UX design team to convert the designs into fully working pages (responsive) using HTML, CSS, Bootstrap, and Vue.js.
- Built a blog and a content management system (CMS).
- Built a multi user roles based control panel.
- Built a payments system integrated with PayPal that includes coupons, receiving money, and sending money.
- I was responsible for setting the production server including SSH, DNS, Cron jobs, and deployment.

Jul. 2019 – Mar. 2020

**Khatwaa**, Backend Engineer | Saudi Arabia, Remotely

Khatwaa is a startup freelance marketplace.

Website: <https://www.khatwaa.com>

- Worked with the frontend team to build fully working pages with MVC design pattern using PHP, Laravel framework, and MySQL.
- Optimized SQL queries resulting in decreased search load time by 16%.
- Built a multi-authentication system, one for admin and one for employees.
- Built real-time multi-rooms chat system using laravel-websockets with access rules.
- Built a real-time notifications system using laravel-websockets.
- Built a payments system integrated with BayanPay that includes receiving money and sending money.

Feb. 2018 – Jul. 2019

**Freelancer**, Full Stack Web Developer | Global, Remotely

Testimonials: <https://mostaqi.com/u/KeriakosMelad/reviews>

- Built frontend and backend projects.
- Added new features to already built and running projects, upgraded legacy code, and fixed backend and frontend issues.
- Managed Linux servers, and fixed related issues.
- Technologies used/worked with: HTML, CSS, Bootstrap, PHP, Laravel, MySQL, JavaScript/TypeScript, jQuery, Vue.js, React.js, Node.js, Express.js, Nest.js, Python, WordPress, Linux, AWS, WHM/cPanel.

## OPEN-SOURCE

### **valdn**

valdn is a Golang cross-validation library. Validates request, nested JSON, nested struct, nested map, nested array, and nested slice. Support adding custom validation rules and custom validation messages.

GitHub: <https://github.com/kyriakosmilad/valdn>

### **memdb**

memdb is an in-memory database with Set, Get, Delete, Backup operations.

GitHub: <https://github.com/kyriakosmilad/memdb>

### **filterlog**

filterlog is a CLI tool to filter log files. Support multiple filters.

GitHub: <https://github.com/kyriakosmilad/filterlog>

### **nprogress**

Slim progress bar like on YouTube, Medium etc...

Contributed to rstacruz/nprogress open-source package:

- Added support for RTL direction to work properly with rtl-languages like Arabic.
- Added support to specify bar color and spinner color without editing the CSS file.

GitHub: <https://github.com/kyriakosmilad/nprogress>

### **datastructures**

Widely used data structures implemented in Golang.

GitHub: <https://github.com/kyriakosmilad/datastructures>

### **algorithms**

Competitive programming challenges and solutions.

GitHub: <https://github.com/kyriakosmilad/algorithms>

## **EDUCATION**

Oct. 2021 – Aug 2025

**Bachelor's degree in Law**, Sohag University

Jan. 2019 – Mar. 2019

**Diploma in Web Applications Development**, University of Michigan

Grade Achieved: 97.40%

Verify: <https://coursera.org/share/1bab881d1914a173a253a75c0c82b778>

## **CERTIFICATIONS**

3 March 2021

**Fundamentals of Database Engineering**, Udemy | 19.5 total hours

Verify: <https://www.udemy.com/certificate/UC-e8e770f5-0e77-4495-b648-c3d096791388>

11 March 2020

**JavaScript - The Complete Guide**, Udemy | 52.5 total hours

Verify: <https://www.udemy.com/certificate/UC-012b3dac-7aee-48e7-8174-6c8ca36bd239>

## **LANGUAGES**

Arabic (native), English (fluent)