KYRIAKOS MILAD

Software Developer

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SUMMARY

Software Developer with 4+ years of experience in producing robust, elegant, and tested code and developing high-performance large-scale applications. I have a strong background in designing and building web application systems. I always keep learning modern technologies and keep my skills updated.

SKILLS

Professional: PHP, Laravel, Go, Gin, MySQL

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

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

EXPERIENCE

Apr. 2022 – Current   **Shabahy,** Backend Engineer | Egypt, Remotely
Shabahy is a startup social media 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.
- Designed and built a friends 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 the platform overall performance by 8%.
- Converted Ajax-jQuery frontend application to SPA using Vue.js.
- Built a multi user roles based control panel.
- 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.
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://mostaql.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 a multiconnection key/value pairs in-memory database made with Golang.
GitHub: https://github.com/kyriakosmilad/memdb

filterlog
filterlog is a CLI tool to filter log files. Support multiple filters. Made with Golang.
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 dynamically 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

designpatterns
Widely used design patterns implemented in Golang.
GitHub: https://github.com/kyriakosmilad/designpatterns

algorithms
Competitive programming challenges and solutions.
GitHub: https://github.com/kyriakosmilad/algorithms

EDUCATION

Oct. 2021 – Aug 2025   **Bachelor of Computer Science,** New Cairo Academy

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)