

# OMAR ĐEČEVIĆ

## PHP DEVELOPER

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### SUMMARY

PHP Developer with 3+ years of experience specializing in Laravel, API development, and large-scale data processing. Originally trained as a Mechatronics engineer, transitioned into software through automation and algorithm projects that evolved into full-time PHP development. Experienced in refactoring legacy systems, building secure partner APIs, optimizing PostgreSQL workloads, and delivering high-quality freelance solutions with a 100% Upwork Job Success Score. Active open-source contributor maintaining multiple Laravel packages focused on developer productivity and system reliability

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### EDUCATION

#### Sakarya University

Sept 2017 — Jun 2021

Bachelor / Mechatronics engineer, Adapazarı, Turkey

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### WORK EXPERIENCE

#### PHP developer, Codeus

Apr 2023 — Present

- Refactored critical legacy systems into asynchronous, scalable workflows to support growth from thousands to tens of thousands of users and terabytes of healthcare data.
- Architected secure partner APIs that process thousands of medical records daily, ensuring compliant ingestion, parsing, and encrypted storage of private health data.
- Optimized query performance and improved data processing pipelines across PostgreSQL and Laravel.

#### Freelancer, Upwork

Apr 2022 — Present

- Completed 20+ projects with 100% Job Success, supporting international startups and small companies.
- Delivered Laravel APIs, data-processing tools, automation scripts, and backend integrations.
- Built custom MATLAB and PHP algorithms for engineering and analytics workflows.

#### Main engineer, MontenegroWood Sancaklı Mobilya

Apr 2021 — Apr 2023

- Built automation tools and engineering scripts to improve production workflows.
- Managed system diagnostics and technical processes supporting manufacturing operations.

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### PROJECTS

#### Lung cancer detection using image processing techniques

Sept 2020 — Jan 2021

- Built a MATLAB program capable of detecting lung cancer from CT scans with **93% accuracy**.

#### HR-tool

Sept 2023 — Feb 2024

- Developed a full HR application and upgraded the project from an older Laravel version to a newer, supported release.

#### Health Data Platform for a U.S. Healthcare Company

Feb 2024 — Present

- Contributed to a platform used by tens of thousands of users to securely aggregate and manage health data.
- Migrated synchronous data pipelines to asynchronous processing for improved reliability under large-scale load.
- Implemented secure API integrations with external partners for importing sensitive medical data.

#### Socraites

Apr 2025 — Present

- [Open source](#) Laravel package that provides fast and reliable automated code review using the OpenAI API.
- Designed for developer productivity and static analysis with AI assistance..

#### Tailor

Oct 2025 — Present

- [Open source](#) package enabling persistent sessions when using Laravel.
- Adds session isolation, custom history management, and a smoother debugging workflow.

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### SKILLS

PHP, SQL, PostgreSQL, Laravel, git, Docker, Redis, REST APIs, Queues (Horizon/SQS), CI/CD (GitHub Actions)

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## PUBLICATIONS

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### A conceptual COLREGs-based obstacle avoidance algorithm

Jun 2022 — Sept 2022

- Developed a [novel algorithm](#) that combines multiple existing maritime navigation algorithms into a unified system.
- Improves vessel collision avoidance at sea by enhancing dynamic path planning and risk prediction.

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## ADDITIONAL INFORMATION

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- **Links:** [GitHub](#), [portfolio](#)
- **Languages:** Montenegrin, Serbian, Bosnian, English, Turkish