



Valentin Mihai

**Personal
information**

Software Engineer

Technical expertise:

**Languages and
frameworks:**

Languages & Technologies:

PHP
Laravel
PHPUnit
Symfony
Phalcon
MySQL / MariaDB
PostgreSQL
Bash
Git / Git hooks
Docker
Nginx
Traefik
REST
Microservices
MVC
OOP
GoF / GRASP patterns
Atlassian: Confluence, Jira, Bitbucket
GitHub: Organisation, Packages, Actions
JetBrains
Google services
Yandex services
AWS S3 / MinIO
Stripe API
JavaScript
jQuery
HTML / CSS
Agile methodologies
GNU / Linux
Windows
LibreOffice / MS Office

Databases:

MongoDB, MySQL, PostgreSQL, Oracle PL/SQL;

Professional experience:

**Position:
Company:
Period:**

**Backend developer
"Power IT" S.R.L.
(February 2021 – present)**



Project Name: Embedded Finance

About the project: Fintech web application. The bridge between end-client and EMI license holders

Skills and responsibilities: I participated in sprint and MVP development scenario planning. I designed the backend part of the banking API: companies, users, access management, KYB + KYC, wallets, transactions, and internal architecture modules. Also, I was responsible for tests coverage, development + integration documentation, custom framework support, database scheme design, and code review.

Responsibilities:

Daily / Sprint planning
Microservice planning
Optimal PHP solutions + Unit / Functional / Integration testing
Code review
Client / Dev / Sandbox documentation

Technologies: Symphony (components), Phalcon (ORM), PHP 7.4, PostgreSQL, PHPUnit, Swagger, Docker, Nginx, Traefik

Project Name: Wired Minds Internal tool

About the project: Internal tool for Big Data management

Skills and responsibilities: Team lead / Backend developer

I designed the backend part of API. I developed specific modules for IP address validation and calculation and big data search algorithms. Also, product delivery, development + integration documentation, security settings, database scheme design, and code review.

Responsibilities:

Daily / Sprint planning
Architecture design
Optimal PHP solutions
Code review
Documentation
CI / CD setup
Microsoft services integration

Technologies: Stack: Symphony, PHP 7.4, MariaDB, Swagger, Docker, Nginx, Traefik

Project Name: Karma8 IO
Aug, 2021 – Dec, 2021

About the project: Web application for infinite cloud storage service

Skills and responsibilities: Backend developer

I developed a whole REST API architecture for a file management cloud service with AWS S3 integration and MinIO API-based gateway. API covers auth, admin panel, client dashboards, access management, buckets policies management, notifications



system, the support module, and S3 files upload/download mechanisms. Also, I designed the database scheme.

Responsibilities:

Daily / Sprint planning
Optimal PHP solutions
AWS S3 / MinIO integration
API services integrations
CI / CD setup

Technologies: Laravel, PHP, PostgreSQL, Docker, Nginx, Traefik

Project Name: CCI E-ATA CRM
Jun, 2021 – Aug, 2021

About the project: CRM for Chamber of Commerce and Industry

Skills and responsibilities: I designed application architecture concepts. I developed specific modules: five services in one integration, notifications system, auth strategies, reports, and statistics. Also, I was responsible for product delivery, database scheme design, and code review.

Responsibilities:

Daily / Sprint planning
Architecture design
Optimal PHP solutions + Unit / Functional /
Integration testing
Code review
Documentation
CI / CD setup

Technologies: PHP, Laravel, MySQL, Git, Nginx, GitHub Actions

Project Name: Score Boost Solution
May, 2021 – Jun, 2021

About the project: CRM for legal consultation and leads verifications

Skills and responsibilities: I designed application architecture concepts. I developed specific modules: a payments system based on Stripe API, a notifications system, a live chat service, auth strategies, admin boards management tools, KYC service, reports, and statistics. Also, I was responsible for product delivery, multi-host deployment, database scheme design, and code review.

Responsibilities:

Daily / Sprint planning
Architecture design
Optimal PHP solutions + Unit / Functional /
Integration testing
Code review
Documentation
CI / CD setup

Technologies: Laravel, PHP 8, MySQL, PHPUnit, Swagger, Docker, Nginx, Traefik, GitHub Actions

Project Name: INNIRM CRM
Apr, 2021 – May, 2021



About the project: Informational system for automatization of medical institutions

Skills and responsibilities: Team lead / Backend developer

I designed application architecture concepts. I developed specific modules: medical staff integration service, a notifications system, auth strategies, admin boards management tools, a live schedule management service, data export tools, public sources integration services, reports, and statistics. Also, I was responsible for product delivery, multi-host deployment, database scheme design, and code review.

Responsibilities:

Daily / Sprint planning
Architecture design
Optimal PHP solutions + Unit / Functional /
Integration testing
Code review
Documentation
CI / CD setup

Technologies: PHP, Laravel, MySQL, Git, Nginx

Project Name: DigiCar CRM
Mar, 2021 – Apr, 2021

About the project: Informational system for automatization of a car rent service

Skills and responsibilities: Team lead / Backend developer

I designed application architecture concepts. I developed specific modules: car rent management, SMS hooks system, a notifications system, auth strategies, admin boards management tools, a live schedule management service, data export tools, public sources integration services, reports, and statistics. Also, I was responsible for product delivery, database scheme design, and code review.

Responsibilities:

Daily / Sprint planning
Architecture design
Optimal PHP solutions + Unit / Functional /
Integration testing
Code review
Documentation
CI / CD setup

Technologies: Git, Nginx, MySQL, PHP, Laravel

Project Name: Smart van lines CRM
Feb, 2021 – Mar, 2021

About the project: CRM for delivery system

Skills and responsibilities: I designed application architecture concepts. I developed specific modules: orders/offers management, SMS hooks system, a notifications system, auth strategies, admin boards management tools, a live schedule management service, data export tools, public sources integration services, reports, and statistics. Also, I was responsible for product delivery, database scheme design, and code review.

Responsibilities:



Daily / Sprint planning
Architecture design
Optimal PHP solutions + Unit / Functional /
Integration testing
Code review
Documentation
CI / CD setup

Technologies: Git, Nginx, MySQL, PHP, Laravel

Position: FULL STACK DEVELOPER
Company: YMK – IT Management
Period: Oct 2019 - Feb 2021

About the project: Banzai
Web application for sales and transports management

Skills and responsibilities: I developed specific modules: cars management, sales forecast tools, fuel consumption monitoring, foreign API integration, routing optimization algorithms, data export tools, reports, and statistics. Also, I was responsible for product delivery, database scheme design.

Responsibilities:
Daily / Sprint planning
Optimal PHP solutions + Unit / Functional / Integration testing
API services integrations
Security monitoring
UI / UX design

Technologies: PHP, MySQL, JavaScript, JQuery, HTML / CSS, Docker

Project Name: Online Booking System
Oct, 2019 – Feb, 2021

About the project: Web application for tickets, hotels, insurances, and transport booking

Skills and responsibilities: I developed specific modules: booking management, certification tools for clients, tickets sale monitoring, foreign API integration, access monitoring tool based on IP addresses data, data export tools, reports, and statistics. Also, I was responsible for product delivery, database scheme design.

Responsibilities:
Daily / Sprint planning
Optimal PHP solutions + Unit / Functional / Integration testing
API services integrations
Security monitoring
UI / UX design

Technologies: Stack: PHP, MySQL, JavaScript, JQuery, HTML / CSS, Docker

Position: FULL STACK DEVELOPER
Company: Simbacom LUX
Period: Oct, 2018 – Oct, 2019

About the project: Web application for sales and transports management

Skills and I developed specific modules: cars management, sales forecast tools, fuel



responsibilities: consumption monitoring, foreign API integration, routing optimization algorithms, data export tools, reports, and statistics. Also, I was responsible for product delivery, database scheme design.

Responsibilities:
Daily / Sprint planning
Optimal PHP solutions + Unit / Functional / Integration testing
API services integrations
Security monitoring
UI / UX design

Technologies: PHP, MySQL, JavaScript, JQuery, HTML / CSS, Docker

Languages and certifications:

Native language: Russian (RU)
Romanian (RO)

Foreign languages:

	Understanding	Speaking	Writing
English (EN)	Medium	Medium	Medium

Studies: Alecu Russo State University of Bălți
Faculty: INFORMATION TECHNOLOGIES
Specialty: Informatica(exact sciences), Programming;
2019 – 2021

Alecu Russo State University of Bălți
Faculty: INFORMATION TECHNOLOGIES
Specialty: Database administration and web programming
(Master degree);
2021 – 2023