

Emanuel Vasile

Senior PHP Developer

Internal business applications · System integrations · E-commerce

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PROFILE

Senior PHP developer, 11 years in production systems. My work sits where business operations meet software: the warehouse management system at eMAG, a rent-to-own contract and instalment platform at Telerenta, HR and contract applications at Digi, e-commerce throughout. I build internal applications that take the repetitive steps out of an operations team's day — admin tools, automatic allocation, reporting, alerting — and the integrations that keep separate systems telling the same story. I am equally comfortable tracing a production defect to the exact line that caused it and explaining that cause to people who do not write code.

WHERE MY EXPERIENCE FITS — PHOENIX Romania — Farmexim · Help Net · EL Pharma

Distribution centres and warehouses

Two years inside eMAG's Warehouse Management System — receiving, storage, picking, dispatch — including the API integration with KNAPP robotic automation and the high-throughput MySQL underneath it. These are the same problems a pharmaceutical distribution centre solves every day.

B2B ordering portals for pharmacies

Eleven years of commerce platforms: catalogue, stock and availability, pricing, order history, invoices, payments and offers. That is the exact shape of a customer-facing ordering portal such as Farmexim On-Line.

Internal apps for operations teams

Most of my last two years: admin grids built around how an operations team actually works, automatic allocation of work to people, alerting on jobs that fail silently, CLI tooling for bulk corrections, document flows. The users are operators and agents, not developers.

Integrations that must not lose a record

Invoicing providers, couriers, payment processors, public authorities, scoring services — over REST, SOAP/XML, file feeds and asynchronous queues, with the reconciliation that proves nothing went missing between two systems.

CORE STACK

Backend	PHP 8 · Symfony · Magento 2 / Adobe Commerce · Node.js · REST & GraphQL APIs · SOAP / XML web services	Data	MySQL — schema design, query optimisation · PostgreSQL · Redis · Import/export pipelines · Reporting
Async & integration	RabbitMQ · Queue consumers · Cron orchestration · Third-party APIs · Webhooks · Reconciliation	Frontend	JavaScript · TypeScript · React · Next.js · jQuery / Ajax · HTML5 · CSS
Operations	Docker · Linux / VPS · nginx · GitHub Actions / GitLab CI · New Relic · Performance & security hardening	Ways of working	Jira · Git & code review · Refinement with business stakeholders · Documentation in plain language

EDUCATION

2012 — 2015	Bachelor's degree, Computer Science Universitatea 'Titu Maiorescu', Bucharest
2007 — 2010	Bachelor's degree, Finance & Banking Romanian Banking Institute, Bucharest
2003 — 2007	High School, Mathematics — Informatics Timotei Cipariu, Bucharest

LANGUAGES

Romanian — Native
English — Professional working — daily technical use: tickets, documentation, refinements

EXPERIENCE

Apr 2026 —
Present
ongoing
Bucharest

Senior PHP / Magento Developer · Telerenta

Electronics rent-to-own platform, Romania and Poland (NCH group)

Senior developer on the Magento 2 platform that runs the rent-to-own business in Romania and Poland: rental contracts, instalments, invoicing, credit scoring, courier logistics and stock. Roughly half my work is building internal tools for the operations teams; the other half is finding the root cause of production defects that were quietly costing money.

- Built internal admin tooling for the operations teams: a new Operational Orders grid with a configurable notes system, automatic allocation of leads to sales agents, consolidated return AWBs, and CLI commands for bulk corrections.
- Designed and shipped an append-only stock ledger recording every stock event with physical and salable running totals — the audit trail purchasing and warehouse had never had — then audited the full stock system (several custom modules over native Magento MSI) and authored the proposal for a single stock value per physical product.
- Root-caused costly production defects with evidence: duplicated stock reservations from a publish/consume race; orders reported as uncollected because a message was published before the transaction had committed; courier shipments left on a stale status because a safety-net cron had never been registered.
- Made silent failure visible: inventoried every cron job in the codebase and put the business-critical ones behind New Relic alerting; turned a 20-second blocking AWB generation into an asynchronous RabbitMQ flow with retry.
- Integrated Sameday courier, SmartBill invoicing, Netopia payments, ANAF and credit-bureau data, an AI risk-scoring service and Meta/GA4 — across Romanian and Polish operations.

STACK PHP 8 · Magento 2 / Adobe Commerce · MySQL · RabbitMQ · Redis · JavaScript · New Relic · Git · Jira

Jan 2024 —
Present
ongoing
Bucharest

Founder / Web Developer · Inspiration Factory

My own web development studio

My own studio. I build internal business applications for small companies — the tools that get a team off spreadsheets and email chains — plus e-commerce work, and I carry the whole technical lifecycle from architecture through to the server it runs on.

- Build and run internal business applications end to end — project and client management, HR, document management, leads, e-invoicing intake, inventory — for small companies moving off spreadsheets and email chains.
- Automate business processes by connecting forms, project management and communication tools (Google Apps Script, Jira, Slack), so the same information is not typed in twice and work stays visible across teams.
- Own the full technical lifecycle: architecture, development, deployment, VPS and cloud infrastructure, CI/CD, security and performance.

STACK Next.js · TypeScript · PHP · Symfony · MySQL · PostgreSQL · Docker · nginx · GitHub Actions

Feb 2022 — Jan
2024
2 years
Bucharest

PHP Developer — Warehouse Management System · eMAG

Romania's largest online retailer

Two years inside the Warehouse Management System — the software that decides how goods physically move through the warehouse. High volume, operators depending on it in real time, and no room for a wrong number.

- Developed and enhanced core Warehouse Management System features — receiving, storage, picking, packing, dispatch — improving logistics workflows and operational efficiency at scale.
- Integrated the WMS with KNAPP robotic automation and WARD over APIs, keeping physical automation and software in step.
- Designed and optimised MySQL schemas for high-throughput, performance-critical operations, with RabbitMQ for reliable messaging between distributed components.

STACK PHP · Symfony · MySQL · RabbitMQ · jQuery / Ajax · Git

May 2021 — Feb
2022
10 months
Bucharest

PHP Developer · Bprogrammer

IT / Telecom

Integration and reporting work on internal applications — connecting third-party services and turning raw database data into something stakeholders could act on.

STACK PHP · MySQL · Google APIs · Reporting

Mar 2019 — Feb
2021
2 years
Bucharest

PHP Developer · MRM Commerce

Advertising / Marketing

Magento 2 platform work with a security and integration focus: authentication, APIs and encrypted messaging for a complex multi-channel commerce ecosystem.

- Built and extended the GraphQL API for authorisation flows and implemented SSO for webviews, enabling secure authentication across headless and multi-channel storefronts.
- Designed message encryption for RabbitMQ communication and a generic, reusable filtering system used across modules.
- Investigated customer-reported issues with a focus on security hardening and reducing vulnerability exposure.

STACK Magento 2 · GraphQL · RabbitMQ · MySQL · Docker · Web APIs

May 2018 — Mar
2019
11 months
Bucharest

PHP Developer · Digi Romania

National telecom operator

Internal enterprise applications for a national telecom operator — HR, contract management and site management, used by staff across the country.

STACK PHP · MySQL · JavaScript · jQuery · ExtJS · Zend Framework 2

Jun 2015 — May
2018
3 years
Bucharest

Web Developer · Innobyte

Started as intern, June 2015

Where I learned e-commerce: features across more than ten Magento shops, plus an HR system built from scratch in a team of four.

STACK PHP · Magento · Symfony · MySQL · jQuery