Oleksandr Shmat



Senior Software Engineer · Technical Lead

PHP / Laravel · TypeScript / Node.js · System Design · Integrations

Batumi, Georgia Remote (EU/US) · B2B or full-time · Available now

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01 PROFESSIONAL SUMMARY

Senior software engineer and technical lead (since 2022, team of 5–6) with 9+ years in software: PHP/Laravel backends and TypeScript/Node.js microservices (since 2022). Built a multi-tenant returns platform (31 companies, 10M+ units processed), a repricing pipeline running 10–12M operations a month, EDI X12 processing for 2,500–3,000 documents a day, and MCP servers in TypeScript. Set team standards and took Amazon security audits to a pass twice.

02 TECHNICAL SKILLS

Backend & integrations
PHP 8, Laravel, TypeScript, Node.js (Fastify), REST APIs, Webhooks, RabbitMQ, Redis, Puppeteer, background jobs, system design

Infrastructure & delivery
Docker, Linux, CI/CD, GitHub Actions, DigitalOcean, Cloudflare, Traefik

Databases & data
MySQL, PostgreSQL, MongoDB, Aerospike, BigQuery; indexing, SQL optimization

AI & agentic tooling
Custom MCP servers in TypeScript; Claude Code across the full dev cycle; Ollama for private data (~30–35% lower token cost); agent orchestration (task queue, ACP)

Frontend
JavaScript, TypeScript, Vue 3 (Vue since 2020), React, Quasar, Pinia, in-house UI kit, real-time UI (Laravel Reverb)

03 PROFESSIONAL EXPERIENCE

EzCloud

2020 – Present

Senior Software Engineer · Technical Lead since 2022 · B2B software outsourcing

- Lead 5–6 engineers, hands-on in backend. Set shared Laravel and frontend standards (UX, validation, consistency, modular reusable code) and review checklists, with tests for typical cases: bugs and code-review iterations about halved, onboarding and releases faster. Interviewed candidates, mentored 4.
- Took Amazon security audits to a pass twice: hardening, documentation and evidence for 4 of the company's 9 Amazon API projects. The developer account behind most of the company's revenue depended on it.
- Built MCP servers that let AI agents read the same data a user can see, so clients get reports without developer time. On one project this ended all custom report and export work.

> **Returns Manager** · Multi-tenant returns SaaS · Dec 2020 – Present
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> - Developed the product from the start (Dec 2020): first release mid-2021, multi-tenant SaaS May 2022, v3 2023: 31 companies, 382 active users, 127 Amazon stores, 10M+ units processed. Own the infrastructure and the Amazon integration; led the team on the client API, webhooks and third-party integrations.
> - Built the core: data sync, receiving and diagnosis, serial tracking, bins, operation history with rollback, idempotent operations. Optimized the queries behind order matching to under 2 s. Redesigned the receiving UX, cutting actions by about 30%. One place for all data and a defined operator workflow, so items no longer go untracked; receiving takes minutes instead of hours.

Returns Manager · continued

- Built the Vue 3 frontend on shared components and an in-house UI kit: items and listings, the listing publication flow, item and item-bundle creation, and receiving with serial numbers. Real-time updates run through Laravel Reverb.
- Built the label-rendering service in TypeScript/Node.js with Puppeteer (pre-warmed browser in Docker, queue, results via Laravel Reverb): under 1 s per label, up to 1,000 a day. Layouts adapt to each user's identifiers (UPC, SKU, FNSKU), fit 3×1 inch labels and switch to a QR code when a value is too long.
- Rebuilt bundles from separately received components, so manual counting errors no longer make sets sell as loose items.

Ironmed · Order automation for a dropshipping business · 2025 – 2026

- Built the backend and the front end: 40k active listings, 500–700 orders a day, up to $20k daily revenue, 2 vendors, 2 marketplaces.
- Built a TypeScript (Fastify) microservice in Docker that parses and generates EDI X12 orders, ASNs and invoices, plus one custom vendor format: 2,500–3,000 documents a day.
- Orders process in under 10 s, vendor misses are retried automatically, stock syncs to marketplaces, preventing late shipments and cancellations that put the Amazon account rating at risk. Pipelines come preconfigured, so setup is far lighter than in a standard dropshipping platform (Flxpoint).
- Built the frontend for orders and listings, the bundle and variation-family creation flow, and the manual order fulfillment flow.

Walmart Repricer · Automated marketplace pricing · 2021 – Present

- Built the backend for ~15,000 products: data pipeline, load distribution with dynamic per-store queues, and repricing logic reworked as Walmart changes its rules. 10–12M repricing operations a month, buy-box (top-offer slot) win rate 77–86%.
- Cut a paid scraping API bill from an estimated ~$2,500 to ~$150 a month (~1M scrapes): sessions pinned to proxies, failure-rate tracking, automatic renewal and rotation, so ~300 calls became 1 per batch.

Profit First / Maxify PPC · Marketplace advertising automation · 2024 – 2025

- Migrated a legacy Node.js/MongoDB monolith to Laravel/MySQL in two months (about 70–75% done personally) for ~20 stores with up to 1M keywords each.
- Cut the cycle from reports to bids sent via API from 8 h to 1–2 h on large stores and from 1–2 h to 5–10 min on small ones (Amazon report generation excluded). DB hosting costs down 75%.
- Recovered undocumented requirements from legacy code and verified the new system against the old one.
- Kept the legacy React frontend on the new Laravel backend and extended it: new screens and fixes to existing ones, including tables, filters and a multi-step campaign-creation wizard with complex configuration.

Logistics company portal · Staff and customer portal · Vue, Laravel, PostgreSQL · 2025

- Built the full stack, including the customer quote-request wizard: combined multi-location requests, step-by-step cargo input, on-the-fly recalculation, shipper/consignee/payer data, delivery to Amazon fulfillment centers, with pricing that depends on the number of locations per request.
- Built a TypeScript microservice that renders BOMs and invoices to PDF (pdfmake).

04 EARLIER EXPERIENCE

Filancy
2019 – 2020

PHP Backend Developer · Nanokassa

- Built worker-pool management and RabbitMQ processing (with Aerospike) in plain PHP, without a framework, for a fiscal-receipt platform on thousands of cloud cash registers: 24/7/365, up to 100 purchases a minute per register.
- Designed most of the platform and refactored the inherited PHP monolith into modular services: workers need several times less memory, queues stay stable.

InStandart
2017 – 2019

Web Developer

- Built most of a real-estate website for a New York agency (map features, RealtyMX sync). Maintained since 2017 and still in production: 10–12k listings a year, 70–90 available at a time.
- Developed frontend features and embedded an internal feedback tool into existing applications.

05 EDUCATION

Bachelor's Degree in Software Engineering
Admiral Makarov National University of Shipbuilding · 2016–2018

Associate Degree in Software Development
Kherson Polytechnic College · 2012–2016

06 ADDITIONAL INFORMATION

Languages
Ukrainian — Native · English — C1 (EF SET: C2)

Other tools
Python, Bash, n8n, Puppeteer

Interests
3D printing, CAD modeling, electronics