

OLEG PASHKOVSKY

SOFTWARE ARCHITECT | STAFF / LEAD BACKEND ENGINEER

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Executive Summary

Software Architect and hands-on backend leader with 15+ years of experience designing, modernizing, and operating business-critical systems across fintech, payments, e-commerce, identity, RFID, and integration-heavy products. Core expertise in PHP/Laravel and Node.js/TypeScript, with a track record spanning monolith decomposition, microservices, APIs, event-driven workflows, platform reliability, and CI/CD. Combines architecture ownership with implementation, mentoring, and measurable operational improvement. Based in Latvia and open to remote employment or long-term B2B engagements.

Core Expertise

- Architecture: distributed backend systems, microservices, modular architecture, event-driven systems, workflow engines, integration hubs, API design, and legacy modernization.
- Backend & data: PHP, Laravel, Symfony, Node.js, TypeScript, Python, PostgreSQL, MySQL, Redis, OAuth2/OIDC, and event sourcing.
- Platform & operations: Docker, Linux, CI/CD, AWS, Google Cloud, logging, monitoring, incident response, and security hardening.
- Domains: fintech, payment gateways, SEPA, e-commerce, identity and access management, RFID, and third-party integrations.
- Leadership: technical strategy, architecture decisions, hands-on delivery, roadmap ownership, mentoring, and cross-functional communication.
- Automation: self-hosted n8n on DigitalOcean, webhook-based “send and wait” approval flows, GitHub integration, and API orchestration.

Professional Experience

IORYS LTD — Senior Developer

Riga, Latvia | May 2025 – Present

- Develop and continuously improve a fintech application.

SIA SJN SYSTEM — Software Architect

Riga, Latvia | Apr 2024 – May 2025 | joyou.co

- Led the transformation of the core multi-level commerce platform from a monolith toward microservices, increasing scalability and reducing system downtime by 35%.
- Implemented security controls and proactive risk mitigation that reduced critical vulnerabilities by 50%.
- Designed and delivered a new e-commerce module associated with 20% growth in user engagement and improved administrative efficiency.
- Introduced structured logging and monitoring, reducing incident response time by 40%.

KUORE LAB OY — Senior Software Engineer

Riga, Latvia — remote to Kotka, Finland | Mar 2021 – Apr 2024

- Built custom backend solutions for Trovan RFID products, reducing reported software errors by 25%.
- Led API integrations across Raspberry Pi-based scanners, Android devices, and custom Trovan scanning hardware.
- Mentored junior developers and contributed to research and development initiatives.

EFINZA OU — Chief Technology Officer

Riga, Latvia — remote to Tallinn, Estonia | Dec 2021 – Feb 2022

- Directed the technology roadmap for a crowdlending fintech platform supporting 3x user growth.
- Modernized payment infrastructure for SEPA and integrated blockchain components for transaction transparency.

AVALANCHE LABS OU — Software Development Consultant

Riga, Latvia — remote to Tallinn, Estonia | Mar 2020 – Jul 2021

- Modernized a national heritage cataloguing system and its legacy backend.
- Reduced maintenance costs by 30% through backend optimization and codebase improvements.

ZEEMOE LLC — Team Lead / Software Architect

Riga, Latvia — remote to Delaware, US | Dec 2018 – Nov 2020

- Architected a custom CI/CD system that accelerated deployments by 40%.
- Built a real-time data integration hub spanning multiple e-commerce platforms.

CREDEROOM — Chief Technology Officer

Edinburgh, UK | Sep 2017 – Nov 2018

- Developed an Ethereum-based decentralized financial application and smart contracts for transaction automation.

SHELFORD INVESTMENTS LLC — Chief Technology Officer

Edinburgh, UK | Nov 2015 – Sep 2018

- Led blockchain initiatives for financial transactions and supported pilot launches in a regulated environment.

FINANCE INVEST GROUP SIA — Chief Technology Officer / Head of IT Infrastructure

Riga, Latvia | Sep 2010 – May 2015

- Implemented IT infrastructure and cybersecurity capabilities for a fintech business, supporting 4x transaction growth without major incidents.

TEKRO SIA / EIROPAS INTERNETA TIKLS SIA — Founder / Chief Executive Officer

Riga, Latvia | Aug 1999 – Sep 2010

- Founded and scaled an internet service provider through 5x subscriber growth and a successful acquisition.

Selected Open-Source Architecture Work

[Kwidoo IAM](#) — Modular identity and access management platform

- Laravel microservice reference implementation using OAuth2, event sourcing, lifecycle orchestration, multi-organization logic, and reusable packages for distributed systems.

[Laravel Passport Multi-Auth](#) — Extensible authentication package

- Extends Laravel Passport with configurable password and SMS/email OTP strategies, custom resolvers, automated tests, and reusable security flows.

[SMS Verification](#) — Multi-provider OTP package

- Reusable Laravel verification package with provider switching, token validation, and support for multiple SMS providers.

Education

Riga Aviation University — Riga, Latvia

- Master's Degree, Information Technology Infrastructure — 2002
- Bachelor of Technology, Engineering Principles — 1999

Languages

English — Fluent | **Latvian** — Fluent | **Russian** — Native | **German** — Intermediate