

Patryk Prževalski

FULL-STACK SOFTWARE ENGINEER

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PROFILE

Full-stack software engineer with 7 years of experience building complex web systems from idea to production. I work across architecture, business logic, user interfaces, integrations and infrastructure. I have built booking platforms, SaaS, e-commerce, AI and back-office systems, and led a team as CTO. My work has reached 100,000+ people — from a national platform with 10,000 users in its first week to a testing platform across 50+ centres. I care about deep attention to detail and stable operation under real load.

LINKS

in/patryk-przevalski
portfolio.7pp.lt

LANGUAGES

Lithuanian ★★★★★
native
Polish ★★★★★
native
Russian ★★★★★★
fluent
English ★★★★★★
professional

TECHNOLOGIES

CORE STACK

TypeScript JavaScript
PHP Laravel Vue
Nuxt Tailwind

ALSO USED

React Next.js Nest.js
Python C++

DATABASES

MySQL PostgreSQL Redis

BACKEND & INFRA

REST APIs OAuth2 RBAC
WebSockets
queues (Horizon/Redis)
testing (PHPUnit/Pest)

CORE COMPETENCIES

Full-stack web engineering (end-to-end) Frontend (Vue, Nuxt)
APIs & backend architecture Integrations & payment flows
System architecture & RBAC Performance optimization
DevOps & infrastructure Payment integrations (8+ providers)
AI/RAG & crypto

KEY ACHIEVEMENTS

Delivered a national training and certification platform (pktc.lt) from spec to production — 10,000 users in its first week — as CTO, leading and mentoring the team.
Designed, built and shipped entire products from specification and architecture to deployment — including a production booking platform (WIDEN Arena) handling ~4,000 bookings per month.
Built a RAG assistant (OpenAI + Pinecone) for 1,000+ internal documents — source-cited answers with hallucination safeguards.
Integrated 8+ payment providers (Stripe, PayPal, Adyen S1F2 terminals, crypto) in production — one-off, recurring and multi-tenant (OAuth) billing.

EXPERIENCE

Independent / Freelance — Full-Stack Software Engineer 2022 – present

End-to-end delivery for clients in e-commerce, SaaS, AI and crypto — from specification and business logic to architecture, development and deployment. Several projects were EU-funded; most designed and built solo. Selected projects:

jurkas.lt — contractor website 2026

Designed in Figma and built from scratch: a visually polished contractor website with an instant-quote calculator and a filterable project portfolio.

WIDEN Arena — sports-centre booking & management platform · widenarena.lt 2025

Production platform (~4,000 bookings/month, ~€50,000 monthly turnover): booking availability, schedules, multi-criteria pricing, balances, role-based staff/group management, invoicing, payments, reports and automated court lighting via Litecom (MakeCommerce, Omnisend, Google).

DEVOPS & CLOUD

Linux Nginx Docker

AWS (S3) Laravel Forge

DigitalOcean

PAYMENTS

Stripe PayPal Braintree

Square Adyen (S1F2)

Paysera MakeCommerce

Montonio

AI & BLOCKCHAIN

OpenAI Pinecone RAG

Solana XRP

wallets (MetaMask/Phantom)

CoinMarketCap Transak

INTEGRATIONS & TOOLING

Google Maps/Calendar

Rivile (ERP) Omnisend

Elasticsearch

Postmark/SendGrid Twilio

Puppeteer Laravel Excel

AI-ASSISTED DEV

Claude Code Codex

Figma Make

EDUCATION

Vilnius University

Information Systems Engineering
(Bachelor's)

2019 – 2023 · graduated with
high marks

John Paul II Gymnasium

Secondary education

TapSafe — crypto payments platform for businesses

2025

- ◆ Crypto payment gateway: provider accounts and wallets, EUR-priced payment links, customer checkout, precise EUR→crypto amount calculation, desktop→mobile QR flow, Phantom/MetaMask/Solflare/Binance, CoinMarketCap, Transak and Reverb integrations.

Kauno Grūdai — internal AI knowledge assistant (RAG)

2025

- ◆ Internal RAG assistant (OpenAI + Pinecone) for 1,000+ PDF/Word documents; exact source citations, strict grounding and routing unanswerable questions to the responsible department.

MO Museum — ticketing & booking platform (EU-funded)

2022–2023

- ◆ Built single-handedly: public booking flow and admin operations for services, guides, languages, cities, slots, capacity rules, pricing and roles; integrated Google Calendar, Paysera and funding-project tracking.

Also delivered: **MAXAUTO Baltic** (B2B parts stock across millions of SKUs, Rivile ERP) · **Elsaskaitos** (utility-billing automation, 250+ clients) · **Dantų Gama** (dental clinic, EU-funded — Laravel API + Vue 3 + Stripe, mobile push). Maintenance for several long-term clients.



Baltkodus — Full-Stack Engineer

2020 – 2024

Built products for several international clients (agency model) — business logic, integrations, performance, modernization. Part-time from 2023, in parallel with freelance (from 2022). Returned after Lingua Intelligens (first joined Baltkodus in 2019).

PKTC — CTO · national training & certification platform · [pktc.lt](#)

2022–2023

- ◆ As CTO, led the team from detailed spec to launch — 10,000 users in week one; introduced code review and technical-decision standards.
- ◆ Built training/test/certificate flows (mandatory full-video viewing before tests), role-based access and full accessibility.

coronatest.de — COVID-19 testing platform (Germany)

2021–2022

- ◆ Large-scale COVID-19 testing platform across 50+ centres in Germany; my strongest part was payments, refunds and the Adyen S1F2 physical terminal flow with automatic amount, receipts and live status.

involve.me — forms / landing / payments SaaS

2022

- ◆ Rebuilt the product (design + functionality); implemented multi-tenant payments (users connect their own PayPal Braintree / Stripe / Square via OAuth — one-off + subscription); built a form builder, templates and PDF export.

youwish.no — gift-voucher marketplace (Norway)

2023–2024

- ◆ Led the modernization of a slow legacy Laravel system to a current architecture — framework upgrade, server setup and a full data migration.

Also delivered: **eOdysseya** (travel planner — drag-and-drop trip builder, Google Maps routing).



Lingua Intelligens — Full-Stack Developer

2020

*[oxsico.com](#) / [identific.com](#) — plagiarism detection across a multi-million-document database at many Lithuanian universities. On my own initiative I rewrote the core matching algorithm — replaced an $O(n^2)$ loop with a key-based lookup ($\sim 9\times$) and ported the hot path to **C++** ($\sim 12\times$) (called from PHP).*



Baltkodus — Full-Stack Developer (first role)

2019 – 2020

CRM platform (clients, orders, invoices, staff); optimized the main list page from 5–10 s to milliseconds (pagination, pre-generated statistics, Redis).