

Piotr Świdorski

Senior Software Engineer — Backend · Fullstack · AI-assisted

Poznań, Poland · Remote · Hybrid (Poznań only)
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PROFILE

Senior software engineer with 8 years of commercial experience building SaaS platforms, REST APIs, and integrations, with a backend-heavy, product-engineering focus and ownership across architecture, implementation, testing, and review. Specializes in practical AI integrations — RAG, vector search, and human-led, AI-assisted engineering — shipping production features in Laravel, Symfony, React, and Angular. Currently extending into TypeScript/Node.js fullstack and local-LLM orchestration.

CORE SKILLS

- Backend Engineering:** REST API design, multi-tenant SaaS, modular monolith, DDD-inspired design, queue/event-driven processing, refactoring & maintainability, code review, TDD
- Languages:** PHP (8.3), TypeScript, JavaScript, Python (tooling & scripting)
- Frameworks & Frontend:** Laravel, Symfony, React, Vue.js, Angular (20), Tailwind CSS, Astro
- Data & Search:** MySQL, PostgreSQL, Redis, Elasticsearch, Qdrant (vector search)
- AI Engineering:** RAG, embeddings & contextual retrieval, OpenAI & OpenRouter APIs, agentic workflows, local-LLM orchestration, human-led AI-assisted delivery (Cursor, Windsurf, Cline, Aider)
- Quality & Delivery:** PHPUnit, Vitest, Playwright (E2E), CI/CD (GitHub Actions), Docker, Git

EXPERIENCE

Fullstack Software Engineer — Sembali, Poland 01.2026 – 05.2026

- Delivered backend, frontend, and AI features for a multi-tenant B2B MarTech SaaS (Laravel 11 + Angular 20) serving e-commerce teams, in an AI-assisted, human-led engineering workflow.
- Designed and shipped a **visual expression picker** that let non-technical users compose workflow expressions from upstream data without writing raw syntax — reducing onboarding friction and reliance on engineering for rule changes.
 - Redesigned **XML/CSV product-feed validation** into structured error/warning/info categories, cutting manual triage effort and giving teams faster, actionable feedback on feed health.
 - Extended the platform's **AI assistant with knowledge-base note selection and contextual retrieval** (Qdrant + embeddings), grounding chat responses in curated internal documentation.

Tech: Laravel 11, PHP 8.2, Angular 20, TypeScript, MySQL, Redis, Qdrant, AWS SQS, Docker, GitHub Actions

Software Engineer — WebMakers Software House, Poland 07.2025 – 12.2025

- Product development combining Laravel APIs with practical AI features, from backend to shippable mobile MVP.
- Built a **complete MVP for a mobile horoscope app** — Laravel 12 REST API with OpenAI integration for personalized content generation, plus ads integration and payments, delivered end-to-end from API to mobile build.
 - Implemented **topic guardrails in a RAG-based AI shop assistant** — enforced on-topic responses about shop products, realigned the conversation back to the product scope when users drifted, and routed already-answered questions to FAQ retrieval to prevent off-topic escalation.
- Tech: Laravel 12, PHP 8.3, OpenAI, RAG, Docker, Ionic, Angular

Fullstack Software Engineer — Amsterdam Standard, Poland

01.2023 — 06.2025

- Delivered Laravel and Vue.js features for client platforms, with strongest contributions in SMS product delivery, API quality, and early internal AI-assisted development.
- Delivered **SMS-based survey features** for an HR/coaching platform: provider integration, queued processing, delivery-status handling, and monitoring.
 - Raised confidence in an **under-documented API** by adding unit and integration coverage, writing missing documentation, and supporting targeted quality improvements.
 - Pioneered **early AI-assisted development practices** — evaluated Cline and Aider and built a Wiremock-based comparison setup to verify legacy-vs-migrated behavior, laying groundwork for team-wide adoption.

Tech: Laravel, Vue.js, PHP 7/8, MySQL, PostgreSQL, Redis, PHPUnit, Docker, OpenAI

Fullstack Software Engineer — HighSolutions, Poland

10.2021 — 12.2022

- Maintained and upgraded Laravel systems for e-commerce and integration-heavy client projects, including a CMS-Shopify integration.
- Implemented an **SMS module** for a coaching platform, extending multi-channel campaign capabilities.

Tech: Laravel, PHP 8, MySQL, PostgreSQL, Redis, Vue.js, Shopify API

Fullstack Software Engineer — MDA Agency, Poland

01.2020 — 09.2021

- Owned delivery end-to-end (analysis through deployment) for Laravel + Vue.js client systems: ERP, rental, loyalty, and promotional platforms.
- Built receipt-lottery and SMS-integrated campaign features; migrated a legacy WordPress site to Laravel.

Tech: Laravel, PHP 7, Vue.js, MySQL, MSSQL

Junior Backend Developer — GlobeGroup, Poland

04.2018 — 10.2019

- Developed backend features for recruitment and vehicle-exchange platforms and refactored legacy systems within a Scrum team.

Tech: PHP 5/7, Symfony 3.4/4, PostgreSQL, Docker, Redis

SELECTED PROJECTS

TriageFlow — github.com/psswid/triageflow-docs

AI-assisted patient pre-screening demo. **Symfony 7.4 + React 19 + LLM (OpenRouter)**, built in **2 weeks** with an agentic AI workflow. **~400 automated tests + 31 E2E specs**, ADR-driven, 3-repo architecture.

ai-cluster (in progress)

Control plane for a local multi-model LLM swarm: node health, model catalog, intelligent routing, and an OpenAI-compatible API gateway. **NestJS + React + TypeScript**. Co-developed with an AI coding agent.

Sembot Helpdesk Lite

Laravel 11 + Angular 20 + OpenRouter AI ticket-triage prototype.

EDUCATION

Adam Mickiewicz University, Poznań
Master of Administration

LANGUAGES

Polish — native
English — C1 (FCE)