

# Yuriy Chukaev

Senior Full-Stack / Backend Engineer — Python · TypeScript & React · PHP 8 · AI/LLM & Integrations

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**Independent contractor (Brazil PJ / individual) · invoice in USD (Wise / Payoneer) · available worldwide, remote, US-hours friendly (5–6h daily overlap with US East) · no visa sponsorship or work authorization required.**

## SUMMARY

Backend-leaning full-stack engineer with 10+ years of commercial experience. Specialized in third-party integrations (CRM Widget SDK & API, payment gateways, ERP & delivery APIs, telephony, IMAP/SMTP), business-process automation, and production LLM/AI pipelines. Founder and hands-on principal engineer of a small software studio — I own delivery end to end, from architecture to deployment, and I write the production code. Primary stack: PHP 8, Python, TypeScript/JavaScript, React.

## SKILLS

**Languages:** PHP 8, Python, JavaScript, TypeScript, SQL

**Frontend:** React, PWA (service workers, web-push), HTML, CSS

**Backend & frameworks:** Laravel, Symfony, FastAPI, Flask, Node.js, REST APIs, GraphQL, webhooks

**Integrations:** CRM Widget SDK & API (Kommo / amoCRM), payment gateways, ERP & delivery APIs, telephony (SIP/VoIP), IMAP/SMTP, idempotent two-way sync

**AI & LLM:** production LLM pipelines, RAG, tool/function calling, structured outputs, speech-to-text; OpenAI & Anthropic APIs

**Data & infrastructure:** PostgreSQL, MySQL, MariaDB, Redis, Docker, Nginx, Linux, CI/CD

**Security:** 2FA/TOTP, RBAC, CSRF protection, prepared statements, rate limiting, audit logging

## EXPERIENCE

### Founder & Principal Engineer — Independent Software Studio

Remote (Santos, Brazil; international clients) · 2017 – Present

Hands-on delivery of products, CRM integrations and automation for a broad client base. I own architecture, code, delivery and long-term evolution, and lead a small delivery team; most key clients stay for years.

- Built a custom PHP 8.3 e-commerce platform for a pharmacy chain (13 stores, 6 legal entities, 2 countries): deep two-way integration with two ERPs, payment routing per entity, fiscalization and delivery APIs — 14,000+ products across 6 regional storefronts.
- Shipped a production LLM pipeline that analyzes sales calls and chats, auto-fills the CRM and scores quality: 70,000+ calls (1,200+ hours of audio) and 31,000+ automated checks in the first 2.5 months, isolated per client (Python, speech-to-text, Anthropic/Gemini).
- Built a request-distribution engine that routes inbound requests to the right available person by configurable rules; 43,000+ requests routed in production since 2022.
- Delivered a role-based operations PWA for an on-demand retail business (React + Vite + TypeScript, FastAPI, async SQLAlchemy, PostgreSQL, Kommo/amoCRM API v4) with an owner-controlled AI intake agent across three channels.
- Built a CRM widget platform — 23 sub-widgets on the Kommo/amoCRM Widget SDK backed by a custom PHP service (router, PDO, CORS handshake, token auth, catalog/billing).

### Full-Stack Developer — C#.NET & Angular

Remote · 2015 – 2017

- Commercial web development on C#.NET (backend) and Angular (frontend), before moving my primary stack to PHP, Python and JavaScript.

## EDUCATION

Innopolis University — graduate coursework, M.S. in Information Technology (Software Engineering, MSIT-SE), a program delivered in partnership with Carnegie Mellon University.

B.Sc., Applied Mathematics & Computer Science (Mathematician-Programmer).

## LANGUAGES

English — professional working proficiency (CEFR B1+): fluent in written/async collaboration (docs, PRs, specs, chat), comfortable on video calls. Portuguese — basic. Russian — native.