Ghenadie Melniciuc

Full-stack engineer

Bălți, Moldova — working remotely

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github.com/epythonic

Writing code since 2002. I design and build backends for online stores and mobile apps (FastAPI, Django, Saleor, Laravel), data collection systems and Elasticsearch search, and connect AI assistants to stores. Currently a full-stack engineer at RocketSEO.

Skills

Languages	Python, PHP, Java, JavaScript, TypeScript
Backend	FastAPI, Django, Django REST Framework, Django Ninja, Wagtail, Saleor (GraphQL), Laravel, Symfony, Spring
Data and search	PostgreSQL, MongoDB, Redis, Elasticsearch / ELK, Lucene, RabbitMQ, Celery
AI	Claude API, LLM, RAG, tool use, answer checks (evals)
Front end	Vue.js, Nuxt, htmx
Infrastructure	Docker, Nginx, Traefik, GitHub Actions, Linux
Payments	MAIB, Victoriabank, eMerchantPay

Experience

RocketSEO — Full-stack engineer — **2024 — present**

An SEO and web agency from Moldova. Remote.

- **MAXIMUM, 2024 — present** — lead backend developer of the new store of an electronics chain: 286,000 products, RU and RO, FastAPI, MongoDB, PostgreSQL, Redis. Elasticsearch search with synonyms, SKUs, keyboard-layout correction and zero-downtime reindexing; payments through MAIB and Victoriabank.
- **VaraVara, 2025—2026** — full-stack engineer and lead backend developer of a water park's mobile app: Django REST Framework, Django Ninja, Celery, tickets and refunds, cashback, Firebase push, MAIB payments and receipts in the park's cash system. About 970 tests.
- **Clinic network, 2026 — present** — full-stack engineer and team lead: a Laravel 13 API (REST and GraphQL) for the website and mobile app, requests to the ERP, a patient account, MAIB payments.
- **Paid subscription platform for creators (UK, US)** — full-stack engineer: Laravel 12, Inertia and Vue 3; payments and payouts with reconciliation, identity verification, chats, media with personal watermarks. 4.6 months until handover; live.
- **Learning materials platform** — full-stack engineer: eight FastAPI microservices, RabbitMQ, full-text search, AI templates for handouts.
- **NL Collection and Global Bar** — full-stack development of stores on Saleor (headless e-commerce): retail footwear; B2B and B2C for HoReCa.
- **AI assistants** — connecting AI assistants to clients' online stores.

iZSearch — Full-stack developer — **2012—2015, 2018—2024**

- **Dat-Cat, 2020—2024** — a lead generation service: crawlers visited tens of thousands of sites per hour, targeted data collection from sites behind anti-bot protection. Python, FastAPI, RabbitMQ, Redis, PostgreSQL, Elasticsearch, Vue.js.
- **AS Rank, 2018—2020** — a ranking of internet autonomous systems for CAIDA (UC San Diego): PHP, Symfony, GraphQL API, data processing in Python and Pandas, Vue.js.

- **2012—2015** — crawlers and parsers in Java (Spring, Hibernate), indexing with Lucene and the Elastic Stack, text processing with Spark and OpenNLP; B2B and B2C data delivery.

Viserv-Computers — Full-stack developer — **2006—2009, 2015—2017**

Java, Spring, Hibernate; crawling and data collection systems.

Bina-Balan, Casa Bulgara — Developer, administrator — **2005—2006**

A customer management system in Delphi and Firebird; servers and infrastructure.

Chamber of Commerce and Industry of Moldova — Web developer — **2002—2007**

The chamber's websites in PHP and JavaScript.

Own projects

ib.ru — a Bible Students website on Django and Wagtail: 18 apps, 638 tests, htmx, Redis cache, CI.
github.com/epythonic/ib.ru

AI assistant for Saleor — SEO product descriptions with structured outputs; next come tools, hybrid search and RAG.

MedLLMBot — a Claude-based Telegram bot for a dental clinic with a web admin: price checks in answers, prompt-injection protection, 241 tests.

LayoutSwitcher — a keyboard layout switcher for macOS.
github.com/epythonic/LayoutSwitcher

Languages

Romanian and Russian — native

Greek — conversational

English — written, technical