

Vladyslav Skopenko

Backend Engineer (Python)

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SUMMARY

Backend Engineer (Python) with 3+ years of experience building B2B platforms end to end. Took a digital commodity trading platform connecting traders, logistics providers, and financial partners from an early stage to production as a core member of a lean, AI-native engineering team: designed the system architecture, drove technical decisions, shaped engineering processes, and shipped features from database schema to API to deployment. Works autonomously: proposes solutions, takes ownership of outcomes, and delivers independently from problem definition to production. Hands-on with FastAPI, async SQLAlchemy 2.0, PostgreSQL, LangChain/RAG, Docker, and cloud deployments.

EXPERIENCE

Backend Engineer (Python)

03/2025 - Present

[INBULK \(LinkedIn\)](#), Kyiv, Ukraine (Remote)

- Owned the full development cycle on a digital commodity trading platform connecting traders, logistics providers, and financial partners, as the top contributor (84% of codebase) in a lean team using AI-native development practices
- Designed the system architecture, proposed and drove technical decisions, and shaped engineering processes, shipping the product from an early stage to production with a small team of developers
- Engineered universal OAuth 2.0 authentication (Google, LinkedIn, Meta), replacing Auth0 and saving \$24K annually
- Built dashboard analytics on optimized SQL/CTE queries for complex aggregations and multi-currency calculations
- Developed Logistics module: transport management, waybill documents, driver tracking with Google Maps integration
- Implemented Auction system with orders, bidding, counter-offers, and templates functionality
- Created Document automation: PDF generation with digital signature verification, Excel parsing for bulk imports
- Owned database schema design and migrations (Alembic, async SQLAlchemy 2.0) with a focus on query optimization
- Performance optimization on datasets with millions of records, N+1 query elimination, load testing
- Built real-time notifications (WebSocket), Telegram bot for logistics automation
- Integrations: Odoo ERP, S3 storage (boto3), Google Maps API, DigitalOcean deployment
- DevOps: Docker deployment, Prometheus monitoring, background workers, CI/CD

(GitHub/GitLab)

- Developed RAG-powered AI bot for platform management, enabling intelligent document retrieval and automated decision support

Software Developer

03/2024 - 06/2026

Tekra, Remote (Part-time)

- Developed desktop application using Python and PyQt library with efficient user interface
- Optimized multithreading, improving application performance and reducing data processing time
- Built automation bots for various tasks streamlining business processes
- Participated in frontend website development, ensuring fast and responsive user experience
- Built backend services using FastAPI, providing high-performance and scalable APIs

EDUCATION

Bachelor's degree, Finance and Banking

2017 - 2021

Odesa National Economic University

SKILLS

- LangChain • Python • FastAPI • SQLAlchemy 2.0 • PostgreSQL • Alembic
- Pydantic v2 • Docker • Docker Compose • WebSocket • Git • GitLab • GitHub
- Aiogram • Postman • REST API • OAuth 2.0 • DigitalOcean • S3 / boto3
- Google Maps API • CI/CD • PyQt • Multithreading • Mentoring

LANGUAGES

Ukrainian — Native

English — B1 (Intermediate)