

Vadym Humeniuk

Python Backend Engineer

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PROFILE

Backend engineer building scalable enterprise applications and startup software. Background spans document-processing and OCR pipelines, data-analysis frameworks for clickstream and advertising attribution, organization-wide end-to-end testing, and cloud-native serverless and containerized applications.

Deep experience with Azure and AWS. Confident across the Python stack, including migrations of legacy Django applications to FastAPI.

EXPERIENCE

Metinvest Digital — Backend Software Engineer (Python)

May 2025 – Present · Remote, Kyiv, Ukraine

- Key engineer on a document-processing platform orchestrating OCR operations, SAP data, and Generative-AI verification.
 - Architected a Django → FastAPI migration that delivered a **2× increase in feature delivery velocity** while keeping legacy SAP workflows regression-free.
 - Owned backend implementation for search, status management, and revision flows while maintaining a stable API contract.
 - Combined OCR and OpenAI APIs for advanced PDF classification, improving accounting-department productivity by **up to 20%**.
 - Revamped background-workflow architecture with timeouts, async retry handling, and observability to reduce errors.
 - Built invoice-data parsing for complete information extraction and improved operational velocity.
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TC Financial Resources dba Reach Global Media — Backend Software Engineer (Python, Go)

September 2024 – March 2025

- Built a Python data-analysis framework correlating MongoDB with Facebook, Shopify, Google Ads, WordPress, and ClickFunnels APIs for unified attribution and funnel reporting.
 - Improved technical-support handling speed by **5×** through team adoption of the framework.
 - Designed a Go + gRPC service aggregating data across internal microservices, backed by DynamoDB and MongoDB.
 - Delivered end-to-end product features including ClickFunnels Portal API, gRPC, and background workers.
 - Mentored QA on BDD testing with Python, Behave, and GitHub Actions.
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Dynamicka Development — Backend Software Engineer (Python)

2022 – 2024

- Delivered backend systems across real estate, document management, IoT, and EdTech projects.
 - Owned API design and AWS infrastructure; contributed to architecture standards and mentoring.
 - Built a real-estate SaaS platform and AI assistant with Django, DRF, PostgreSQL, OpenAI API, and Slack webhooks.
 - Built a FastAPI document-generation SaaS with PostgreSQL, SQLAlchemy, Jinja2, React.js, and Stripe.
 - Designed a serverless solar-telemetry ingestion platform with AWS Lambda, SQS, DynamoDB, IoT Core, CloudFormation, and Terraform.
 - Built BDD test automation with Selenium, Behave, Python, and GitLab CI/CD.
 - Developed Telegram automation and marketing tools with Python, Telethon, and Telegram APIs.
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ARK Connect & Market Group — Software Developer

2021 – 2022

- Built customer-facing Telegram bots, browser automation tools, and programmable web services for internal business needs.

CORE SKILLS

Backend: Python, FastAPI, Django, Django REST Framework, SQLAlchemy, REST APIs, OpenAPI, Go, gRPC

Data: PostgreSQL, MSSQL, DynamoDB, MongoDB, MySQL

Cloud & infrastructure: AWS Lambda, SQS, S3, IoT Core, Azure Functions, Blob/Queue Storage, Docker, Kubernetes, Terraform, CloudFormation

Integrations: OpenAI / Azure OpenAI, OCR/document pipelines, SAP OData, Stripe, Slack, Shopify, Google Ads, Facebook APIs

Testing & delivery: pytest, Selenium, Behave, GitHub Actions, GitLab CI/CD, code reviews, mentoring

EDUCATION

- Khmelnytskyi Polytechnic College — 2013
- Yarmolyntsi Technological Lyceum — 2011

LANGUAGES

- Ukrainian — native
- English — B2

WORKING STYLE

Backend-focused, product-oriented, comfortable in cross-functional teams, experienced with startup MVP delivery and large enterprise teams.