

VLADISLAV MESHKORUDNYJ

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SUMMARY

Software Developer with 6 years of experience in backend. Delivered e2e solutions using Python, DRF, and FastAPI — from design to deployment and maintenance. Now focused on leveraging LLM and AI-agent technologies to build scalable, systems that enhance real-world user experiences.

EXPERIENCE

Software Developer

Freelance

March 2024 - Present, Belgrade

- Designed and implemented small-scale projects for various clients, including Telegram bots, data parsers and backend services.
- Built and deployed applications using Python, Django REST Framework (DRF), FastAPI, Redis, python-telegram-bot, Selenium and related tools.
- Delivered end-to-end solutions: from gathering requirements and writing code to testing, deployment, and client support.
- Built agentic systems with RAG pipelines, vector stores, MCP tools, and LangChain/LangGraph orchestrations.

Software Developer

DNK IT Solutions LLC

November 2022 - March 2024, Bishkek

- Built and maintained services with Django REST Framework.
- Participated in system architecture design and integration of external APIs.
- Improved db queries and optimized overall system performance by introducing caching, asynchronous processing, and message queues (Kafka).
- Implemented monitoring and logging infrastructure using Grafana and Prometheus, enabling real-time tracking and faster issue detection.

Software Engineer

EPAM Systems

June 2022 - November 2022, Bishkek

- Gained experience in collaborative development within large international teams.
- Configured microservices using docker and docker-compose.
- Designed and shipped high-load FastAPI services with async I/O, DB transactions, and Redis caching for low-latency performance.
- Integrated RESTful APIs into backend microservices, streamlining data exchange between services and enhancing overall system responsiveness within a distributed environment.

Software Developer

Yandex Practicum

September 2021 - June 2022, St. Petersburg

- Backend developer in a Scrum team for an online education platform.
- Designed microservices, implemented REST APIs, and integrated with Redis and aiohttp.
- Wrote automated tests (pytest) to ensure system.
- Designed and optimized database models in PostgreSQL to support new features.
- Configured and maintained CI/CD pipelines using Docker, Docker Compose, and an internal GitHub Actions-like automation system, ensuring smooth deployments and consistent development workflows across environments.

Project Lead Developer / Backend Developer

PiterAvto

June 2019 - September 2021, St. Petersburg

- Designed and implemented a high-load microservice architecture for processing financial transactions — fully asynchronous, horizontally scalable, integrated with government tax APIs, and optimized through database sharding, caching, and message queues to handle heavy concurrent workloads reliably.
- Developed asynchronous REST APIs with aiohttp and Django.
- Optimized PostgreSQL queries, implemented Celery-based task distribution.
- Consolidated legacy monoliths with automated Docker-based deployments via GitLab CI, speeding up release cycles.
- Built ETL pipelines with OCR and data extraction to automate document processing and minimize manual input.

SKILLS

Backend: Python, Django, FastAPI, SQLAlchemy, aiohttp, Redis, Kafka

AI agents: Selenium, RAG, LLM/AI, langchain

DB: PostgreSQL, MySQL, MongoDB

CI/CD: Docker, docker-compose, GithubActions

Monitoring: Grafana, Prometheus

Languages: English (B2), Russian (Native)

