

Dashgin Khudiyev

Senior Software Engineer

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PROFESSIONAL SUMMARY

Senior Software Engineer working mainly in Python: backend systems, microservices, and applied AI. Experience with payment platforms, security-sensitive systems, and LLM products built with data privacy in mind.

- **Grew an engineering team from 1 to 7** as founding engineer; led a monolith-to-microservices migration and passed enterprise security audits.
- Improved payment upload throughput **11x** and cut server costs **4x**.
- Built **multi-agent LLM systems at two companies** using Pydantic AI, OpenAI, and local models (Llama 3).

EXPERIENCE

Senior Software Engineer | EPAM Systems

Tbilisi, Georgia | Jul 2026 – Present

- Working on **high-load enterprise applications** for global clients using Python and React, with a focus on system architecture and microservices.

Software Engineer | Remofirst

Remote | Apr 2025 – Jul 2026

- Owned features in the Contractors product of a global hiring and payroll platform: contractor management, onboarding, and payments.
- Built the first version of **RemoHire, an AI interviewer** that gathers job requirements from clients: a multi-agent system on Pydantic AI with separate agents for asking questions, extracting requirements, and keeping the conversation focused.
- Integrated **Airwallex** as a new payment provider, enabling **real-time payouts in all supported countries** and replacing the legacy provider (Nium).
- Rewrote payment file upload processing to handle **1,000+ payments per batch**; the old implementation got stuck around 90.
- Refactored legacy code in payment flows and added unit tests along the way.

Lead Software Engineer (Founding Engineer) | Prodigitrack

Baku, Azerbaijan | Jan 2022 – Apr 2025

- **Grew the engineering team from 1 to 7**: ran technical interviews, mentored interns into full-time roles, set code standards, and worked directly with stakeholders to shape the technical roadmap.
- Led the migration from a **monolithic backend to microservices**.
- Built an **Nginx-based API gateway from scratch**, plus custom authentication and **RBAC** in Django, which got the company through **security audits for enterprise clients**.
- Built and launched a **B2C SaaS module in 2 months**, including data pipelines and Stripe payments.
- **Cut server costs 4x** by rewriting slow data processing as optimized SQL.
- Built an **AI tool for cleaning product catalogs** that runs on OpenAI or local LLMs (Llama 3) for privacy-sensitive clients, and a Pydantic AI agent that writes and runs its own analysis code on large datasets.
- Moved analytics from PowerBI to self-hosted Superset, **saving \$1,200+/month**; wrote 3 Superset plugins, replaced proprietary tools with MinIO and PerconaDB, and debugged production issues in Airflow and Kafka by reading their source code.

Instructor (Python, Web Development) | Orient Academy

Baku, Azerbaijan | Sep 2023 – Feb 2024

- Taught Python and web development using hands-on projects.

SELECTED PROJECTS

Praxis (praxis.az) — online education platform; built the React web app, Django backend, and React Native mobile app.

Brinix (brinix.io) — asset management system; added LLM-based smart search and automatic file tagging.

QuizED — AI testing platform; fine-tuned models to grade student essays and give specific feedback.

Mluck (mluck.io) — real estate platform that scrapes listings, predicts prices, and shows them on a map.

SKILLS

Languages & Frameworks: Python, Django, FastAPI, React, React Native, TypeScript, SQL

AI & Machine Learning: Pydantic AI, LangChain, LlamaIndex, OpenAI API, Ollama, Local LLMs, Vector DBs

Tools & DevOps: Docker, AWS, Azure, Linux, Nginx, Kafka, Redis, Airflow, Superset, Playwright

Architecture & Concepts: Microservices, Zero Trust Security, RBAC, CI/CD

EDUCATION

M.Sc. in Artificial Intelligence — Azerbaijan State Oil and Industry University (SABAH Groups)

B.Sc. in System Engineering — Azerbaijan State Oil and Industry University, dual-curriculum with Georgia State University (USA)