

Diyorbek Ismoilov

Python / Django Backend Developer

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🧠 Summary

Backend Developer with 3+ years of hands-on experience in building scalable, high-performance web applications, APIs, and Telegram bots. Specialized in Django and FastAPI with deep knowledge of asynchronous processing, PostgreSQL optimization, and deployment automation. Self-taught and highly motivated problem solver, passionate about clean code, CI/CD practices, and product-oriented thinking.

👛 Work Experience

Backend Developer – Teamwork IT Solutions

📍 Uzbekistan | 📅 2022 – Present

- Deployed applications on Ubuntu servers using Nginx, Gunicorn, and Docker.
- Built a payment-integrated Telegram bot (*AyoITaxi*) for women-only taxi service with 3,000+ users.
- Designed secure RESTful APIs with DRF and PostgreSQL.
- Developed Movit TV backend (media streaming app) using Django, DRF, Celery, Redis, and set up CI/CD with Docker & GitHub Actions.

Backend Developer (Freelance Projects)

📍 Remote | 📅 2023 – Present

- **Taqdimot Robot:**
Telegram bot that automates academic content creation for students (presentations, abstracts, videos).
 - 70,000+ active users
 - Payment integration with Payme and Click
 - Advanced admin panel with daily/weekly/monthly/yearly stats
 - Backend: FastAPI + PostgreSQL, deployed via Nginx & Gunicorn
 - Background tasks: Celery + Redis
 - Automated analytics API for dashboard frontend

- **@EduYordamchiBot:**
Telegram bot helping students with homeworks, assignments, and academic tasks
 - Built with Django and Aiogram
 - Features include: order placement, balance management, paid submissions
 - Admin panel for managing users, orders, and statistics
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Education & Learning

- Data Science & AI – *Mohirdev Bootcamp*
 - Backend & Web Development – *Self-taught* via real projects, documentation, and open-source contributions
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Skills

- Languages & Frameworks: Python, Django, Django Rest Framework, FastAPI
- APIs & Bots: RESTful APIs, Telegram Bots (Aiogram, PyTelegramBotAPI), aiohttp
- Databases: PostgreSQL, SQLite, Redis
- Tools: Docker, Git, GitHub Actions, Celery, Nginx, Gunicorn, Linux (Ubuntu)
- DevOps: CI/CD pipelines, systemd services, secure environment configs
- Others: HTML/CSS (basic), Jinja2, Pydantic, dotenv, Uvicorn, supervisord