

Denys Melnyk

Junior Backend Developer

With the right to work in the UK

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PROFESSIONAL SUMMARY

Junior backend developer with the right to work in the UK, open to relocation across the UK or EU. Builds and ships production systems end-to-end: recently designed and deployed PosylkaUA solo, a live parcel-delivery marketplace with Monobank escrow, Celery/Redis jobs and a React frontend. Also built an AI movie-recommendation app (FastAPI + async OpenAI) and a Django booking platform with a RAG chatbot. Comfortable owning the full feature lifecycle. Edinburgh-based.

WORK EXPERIENCE

PosylkaUA Nov 2025 – Present

Founder & Engineer

- Designed, built and deployed a live two-sided marketplace (posylkaua.com) solo: Django 5 + DRF API, React 18 + TypeScript frontend, Docker Compose + Nginx on a VPS.
- Built Monobank escrow (4-digit handoff-code release, signature-verified webhook, idempotency, refunds); Celery/Redis jobs, JWT in HttpOnly cookies, Sentry, CI on every push. Now live with first users.

Self-employed Apr 2024 – Present

Backend Developer (Freelance)

- Built and delivered two full websites for recruitment agency clients, including payment gateway integration.
- Developed REST APIs with Django, FastAPI, and Flask; integrated PostgreSQL databases for client projects.
- Handled full project lifecycle: scoping, development, deployment, and post-launch fixes.

GreenCarLane May – Aug 2025

Python Developer Intern

- Built and integrated GraphQL APIs with MongoDB to serve charging station data for map integration.
- Wrote Python scripts to automate data collection; worked with live datasets in a production-like environment.
- Gained experience with real client requirements, version control workflows, and code quality standards.

PROJECTS

Viva Full-Stack

Movie recommendation app: track and rate films with personalized AI recommendations and a conversational search assistant.
FastAPI · SQLAlchemy · Alembic · PostgreSQL · async OpenAI (gpt-4o) · React · TypeScript · Docker

Clockly Booking Platform

Service booking platform with availability slots, customer/provider roles and an OpenAI-powered RAG support chatbot.
Django 5 · DRF · SimpleJWT · PostgreSQL · Celery · Redis · Docker Compose · Nginx

EDUCATION

Software Development, Fife College 2024 – Present

Python, Databases, JavaScript, Web Development, Software Engineering fundamentals

TECHNICAL SKILLS

Backend: Python, Django, DRF, FastAPI, Flask **Frontend:** React, TailwindCSS, HTML/CSS

Databases: PostgreSQL, MongoDB **Tools:** Docker, Celery, Redis, Linux, Nginx, AWS, Git

APIs: REST, GraphQL, 3rd-party integrations, payment gateways