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# Backend Developer

## About me

Backend developer with 4+ years of experience in building reliable API services, Telegram bots, and database architecture using Python (FastAPI, PostgreSQL, Docker).

I design scalable server applications, develop backend architecture, write tests, and set up deployment. I know how to work with production load, solve non-trivial problems, and write clean, maintainable code.

I create and grow my own projects from scratch to production level with thousands of real users. I care about clean architecture, readable code, fault tolerance, and easy project maintenance.

## Work experience

**CEO / Founder / Developer** · Books\_base · Saint Petersburg

*September 2021 - Present · 3 years 10 months*

- Launched a Telegram-based eBook store with user authentication, payment system, internal balance, Premium subscription, and discount system
- Built a scalable backend architecture using Aiogram + FastAPI, PostgreSQL, Redis, and Docker
- Implemented a flexible discount model, news feed, admin panel, access rights, and internal currency
- Ensured stable work and ongoing development of the project, now used by hundreds of active users
- Developed all business logic, API interfaces, UX features, and wrote automatic tests using Pytest
- Refactored the project three times to move to more mature and efficient technologies (FastAPI, SQLAlchemy, Alembic, Docker)

Stack: Python, FastAPI, SQLAlchemy, Alembic, PostgreSQL, Redis, Docker, Pytest, Aiogram, Telegram Bot API

Skills: Backend, Python, FastAPI, PostgreSQL, Docker, Pytest, Aiogram, Pydantic, SQLAlchemy, Alembic, Redis, Telegram Bots, API, Git, Linux

**Telegram Developer** · Temnomor · Tyumen

*September 2023 - May 2025 · 1 year 8 months*

👤 20 years

♂ Male

📍 Chişinău

💰 1 000 EUR



## TOP Skills

- **Backend** · 3 years
- **Python** · 3 years
- **FastAPI** · 3 years
- **PostgreSQL** · 3 years
- **Docker** · 3 years
- **Pytest** · 3 years

## Preferences

- Full-time
- No schedule
- Flexible
- Hybrid
- Remote
- In-house

## Languages

- **Romanian** · Don't know
- **Russian** · Native
- **English** · Medium
- **Ukrainian** · Elementary

## Skills

- Django REST framework
- Django
- Backend

- Python
- FastAPI
- PostgreSQL
- Docker
- Pytest
- Aiogram
- Pydantic
- SQLAlchemy
- Alembic
- Redis
- JavaScript
- Nodejs
- Telegram Bots
- API
- Git
- Linux

- Designed and built a Telegram bot for students of MPK TIU college — now the main source of class schedules for 5,000+ active users
- Improved UX and stability, which helped grow the user base several times
- Created a stable schedule parser using Playwright, even with regular blocks and restrictions from the college website
- Set up caching (Redis) and a notification system to keep the bot fast and reliable
- Designed a fault-tolerant backend architecture using FastAPI, PostgreSQL, and Aiogram
- Managed the project's SMM channel and increased user engagement by 40%

Stack: Python, FastAPI, Aiogram, PostgreSQL, Redis, Docker, Pytest, Alembic, SQLAlchemy, Playwright

Skills: Backend, Python, FastAPI, PostgreSQL, Docker, Aiogram, Pydantic, SQLAlchemy, Alembic, Redis, Telegram Bots, API, Git, Linux

## Desired industry

- IT, Tech

## Education: Specialized secondary

**Tyumen Industrial University, Multidisciplinary College**

*Graduated in: 2025*

Speciality: Information systems and programming