Ihor Utkin

Python Developer

✉ ihorutkin24@gmail.com

📞 +48 789 282 788 📍 Poland, Cracow

🔗 Portfolio website Github

in Linkedin

🧠 SKILLS

Backend (python)
- Object-Oriented Programming (OOP): SOLID principles, Design patterns
- Algorithms and Data Structures: Algorithm complexity, Arrays, Linked Lists, Stacks, Queues, Hash Maps, Hash Sets
- Python: Python 3.10+, Advanced Python (Decorators, Iterators, Generators), Asynchronous Python (asyncio, Concurrency, Parallelism)
- Web Scraping & Data Analysis: Web Scraping (BeautifulSoup, Scrapy, Selenium), Data Analysis (Pandas, Matplotlib, Tableau)
- Machine Learning: Neural Networks, Classification, Machine Learning models
- Web Development Frameworks: Django, Django ORM, Django Rest Framework, FastAPI, Flask
- Databases: PostgreSQL, SQLite, Redis
- Version Control & Collaboration: Git/Github
- Development Tools: Debugging, Docker

Frontend
- Web Technologies: JavaScript, TypeScript, HTML
- Frameworks: React.js, Next.js
- State manager: Redux
- Styles: CSS, SCSS, Tailwind, Bootstrap
- Backend: Node.js
- Libraries: Chart.js, aos, i18n

📇 PROFILE

I'm a skilled Python and Django developer with strong technical training, hands-on experience and more than 2 years of frontend technologies like JavaScript, React.js, and Next.js. As the winner of the Aviator competition, I've demonstrated my technical expertise and problem-solving abilities. With a solid understanding of databases (SQL) and a focus on code quality, I can efficiently develop both backend solutions and full-stack applications. My adaptability, analytical skills, and commitment to delivering high-quality work make me a reliable and effective team player.

📇 PROFESSIONAL EXPERIENCE

Python Developer
07/2024 – 11/2024 | Cracow, Poland

Working on a group project: library service api, where I worked as a team lead ⤴

- Developed an online management system for book borrowings utilizing Django and Django Rest Framework.
- Implementing a robust borrowing service with features such as creation, checking, and a specialized logic for returning borrowed items.
- Conducted thorough testing of the borrowing functionality to ensure reliability and accuracy
- Introduced the daily function of automated checking of overdue loans and notification of users through a Telegram bot has been introduced, increasing the efficiency of the system

Technologies: Django/Django Rest Framework, PostgreSQL, Celery, Redis, Docker/Docker-compose, Stripe API, Telegram API

Working on individual project: online english school dashboard ⤴

This is a dashboard for an online English language school where teachers (admins) can use authorization and authentication oparations also you have oportunity to crate, delete and update information about students, groups and lessons

- In the process of creating the program, an analysis of the requirements necessary for the implementation of the program was carried out
- Necessary endpoints was created and corresponding CRUD operations were attached
- Authentication and registration with session token logic was added
- Visualization of data was added with matplotlib library

Technologies: Django, PostgreSQL, Matplotlib

Working on individual project: theater API service ⤴

API for a theater in your local city. The idea is to allow visitors of the Theatre to make Reservations online and choose needed seats, without going physically to the Theatre.

🏅 AWARDS

A trip to the Le Bourget Air Show ⬈
Boris Kolesnikov Foundation
03/12/2020
I was among 30 winners out of 8,600 participants All-Ukrainian competition "Aviator":

🎓 EDUCATION

Bachelor degree
Andrzej Frycz Modrzewski University
10/2021 – present | Cracow, Poland
During my studies I did programming course in languages such as php, C++ and Java, I learned to work with database using SQL and working with data statistics in R

Junior specialist
Vasilkiv Specialist College Of National Aviation University
09/2017 – 06/2021 | Vasilkiv, Ukraine
During my studies I worked with languages such as C++ and C#, took an advanced course in higher mathematics, analysis mathematics, equations differential, algebra linear, mathematics discrete and theory probability

- During writing the project, endpoints were created to display information in the form of lists and to display detailed information for each entity.
- Necessary serializators was created, also admin panel was modified
- Corresponding CRUD operations were attached to each endpoints
- Also was created functionality for adding media files to some entities
- JWT authentication and autorization logic was added

Technologies: Django/Django Rest Framework, PostgreSQL, Docker/Docker-compose, JWT authentication

Front end developer

Krakow, Poland

I have the necessary experience of working on frontend projects, including more than 6 site templates, 2 games written in JS and React.js, as well as 3 applications (weather, animated graph and an application for creating a color palette). You can familiarize yourself with all the projects by following the links: **click here** ⬈

🎸 INTERESTS

- BOXING
- CHESS
- DRAWING
- READING