

VADIM TRYBAY

Python backend developer



CONTACTS

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Odessa, Ukraine

TECH SKILLS

- Python
- JavaScript
- TypeScript
- Django
- FastApi
- Docker
- React
- PyQt6
- PostgreSQL
- MongoDB
- Redis
- SQLAlchemy
- Scrapy, BS4
- HTML/CSS
- Alembic
- Websockets

SOFT SKILLS

- Teamwork
- Conscientiousness
- Responsibility
- Desire to learn
- Problem solving
- Optimism
- Critical thinking

LANGUAGES

- English - intermediate
- Ukrainian - native

SUMMARY

A motivated software developer proficient in Python and JavaScript, continuously learning and improving my skills. I have explored a wide range of technologies, including web frameworks such as FastAPI, Django, React, Angular, and PyQt6. Experienced in working with database management systems like MySQL, PostgreSQL, and MongoDB, as well as message brokers like RabbitMQ. Skilled in HTML5 and CSS for creating appealing user interfaces. I am eager to apply my knowledge and contribute to efficient team projects.

WORK EXPERIENCE

FullStack developer

"TWB" | January 2025 – Present

- Working on a project in the field of cryptocurrency futures trading, focusing on the development of a high-performance web platform.
- Responsible for building the backend using FastAPI, ensuring efficient, secure, and scalable API services.
- Developing the frontend with React, creating an intuitive, responsive user interface tailored for real-time trading operations.
- Implementing key functionalities such as user account management, real-time data streaming, trading analytics, and secure transaction processing.
- Prioritizing system scalability, low latency, and seamless user experience to meet the demands of dynamic trading environments.

Python developer

"Tekra" | April 2024 – April 2025

- Designed and developed desktop applications using PyQt6, ensuring user-friendly interfaces and high performance.
- Built and maintained robust backend applications with the FastAPI framework, utilizing features like websockets, JWT authentication, and advanced APIs to support real-time communication and secure data handling.
- Contributed to the development of frontend features using the Angular framework, integrating dynamic interfaces with backend services.
- Worked on robotic process automation (RPA), streamlining and optimizing workflows through automation tools and custom solutions.

Python backend developer

"Vsiprobiy" | September 2024 – January 2025

- Developed a web project to organize and manage running events across Ukraine, enhancing user engagement and participation.
- Improved the database structure and optimized interactions, leading to faster query performance and better scalability.
- Implemented an account activation and recovery system, providing secure and seamless user experiences for account management.
- Played a key role in backend architecture design, ensuring robust and scalable solutions for the platform.

Freelance python developer

"Nasha-firma.od.ua" | September 2023 – May 2024

- Designed and developed scalable web applications with Django, integrating user authentication, role-based authorization, and secure session management.
- Optimized PostgreSQL databases through advanced queries, indexing, and normalization to ensure performance and reliability.
- Built a responsive admin dashboard and intuitive front-end using Django templates, enhancing usability and engagement.
- Followed best practices like modular architecture, unit testing, and Git version control for maintainable solutions.
- Collaborated with clients to gather requirements and align technical solutions with business objectives.

PROJECT EXPERIENCE

Django Project "nasha-firma.od.ua" | Sep 2023 – May 2024

https://github.com/VadimTrubay/django_project_nashafirma

This project is a real-world business website designed to help my friends expand and support their growing business.

- Developed a robust web application using Django, delivering a seamless and professional online presence.
- Designed and implemented essential features such as user authentication, dynamic content management, and an intuitive interface.
- Leveraged PostgreSQL for reliable and efficient database management.
- Delivered the project on time while maintaining a high standard of quality and functionality tailored to client needs.

FastAPI Project "LLM Chat Bot" | Oct 2023 – Jan 2024

https://github.com/VadimTrubay/fastapi_project_LLM_ChatBot

Created an innovative personal chatbot, "LLM Chat Bot," equipped with advanced document recognition and voice interaction capabilities.

- Utilized FastAPI for backend development and Streamlit for creating an interactive and user-friendly frontend interface.
- Leveraged cutting-edge technologies such as OpenAI, Speech2Text, LangChain, and Faiss for natural language processing.
- Incorporated Cloudinary for media storage and Redis for caching and performance optimization.
- Designed a system capable of handling large volumes of data, including documents and YouTube video processing through OpenAI Whisper.
- Deployed using Docker, ensuring portability and efficiency.

React Project "Healthy Life" | March 2024 – May 2024

https://github.com/VadimTrubay/Real_landing_site_numismatics

Built a responsive health and wellness platform aimed at promoting a healthy lifestyle.

- Developed with React.js and integrated RESTful APIs for backend communication.
- Included features such as personalized health tips, interactive quizzes, and a community forum for sharing experiences.
- Focused on creating a visually appealing and accessible UI, enhancing engagement across diverse audiences.

TypeScript Project "VadnetBook" | May 2024 – August 2024

https://github.com/VadimTrubay/TypeScript_Project_Social_Network_VadnetBook

Developed a fully functional frontend social network platform using TypeScript and modern frameworks.

- Designed an intuitive user interface with React, providing responsive layouts and seamless navigation.
- Integrated Redux for state management and RESTful APIs to communicate effectively with the backend.
- Focused on enhancing user experience with features like live updates, infinite scrolling, and dark mode support.

Django Project "VadnetBook" | May 2024 – July 2024

https://github.com/VadimTrubay/Django_Project_Social_Network_VadnetBook

Developed a comprehensive social networking platform with rich user interaction features.

- Built using Django and PostgreSQL, providing a robust backend and scalable database.
- Implemented core functionalities such as user registration, profile customization, post creation, and comments.
- Integrated advanced features like real-time notifications, friend requests, and message threads, creating a dynamic user experience.
- Ensured data security and privacy through secure authentication mechanisms and best practices.

EDUCATION

IT School GoIT

JavaScript Fullstack Developer | February 2024 – July 2024

IT School GoIT

Python Web Developer | October 2022 – July 2023

Python Data Science | July 2023 – November 2023

IT School Hillel

Python Core | August 2022 – October 2022

OGAU

Master's degree in agronomy | August 2000 – July 2004