VADIM TRYBAY

Python backend developer

CONTACTS

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user0606user@gmail.com

Linkedin

GitHub

Portfolio

Telegram

Odessa, Ukraine

TECH SKILLS

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

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

Python developer

"Tekra" | *April 2024 – Present*
- 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.
- Specialized in Python programming for both desktop and backend application development, ensuring scalable and efficient solutions for diverse projects.

Python backend developer

"Vsiprobihy" | *September 2024 – Present*
- 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 custom web applications using the Django framework, ensuring scalability and adaptability to meet dynamic business requirements.
- Built and optimized PostgreSQL databases, implementing advanced query techniques, indexing, and normalization to ensure high performance, reliability, and data integrity.
- Developed and integrated critical features such as user authentication, role-based authorization, and session management, prioritizing security and compliance with modern standards.
- Created a user-friendly administrative dashboard, enabling seamless management of website content, user data, and other key functionalities.
- Implemented responsive and intuitive front-end elements using Django templates, improving user engagement and overall website usability.
- Streamlined the development process by following best practices, including modular code architecture, unit testing, and version control with Git, ensuring maintainable and bug-free solutions.
- Collaborated closely with clients to gather requirements, providing consultations and technical guidance to align solutions with business goals.

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 user interface to ensure accessibility for non-technical users.
- 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 and document search functionalities.
- 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 YoutubeVideoLoader.
- 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