Viktor Umanskyi

Python Developer

EXPERIENCE

- **Ukrainian Science Diaspora**

  December 2024 – 2025

  Full Stack Developer

  Acting as a science navigator, I unite Ukrainian scholars from various migration waves to contribute to Ukraine's recovery and global scientific integration. In parallel, I engineer backend solutions that power modern web applications — designing and deploying RESTful and GraphQL APIs with Django, implementing token-based authentication, permissions, and real-time communication via WebSockets.

  Through clean, modular code (CBVs/FBVs), Dockerized deployments, and Git-based collaboration, I ensure maintainability and scalability. My database work spans PostgreSQL, MySQL, and SQLite, optimized via Django ORM.
  Applying OOP principles and rigorous testing (pytest, Selenium), I reduced backend bugs by ~40% and improved response time and system resilience. This led to measurable gains in user satisfaction and developer velocity.

- **Transoftgroup**

  September 2022 – June 2024

  QA Engineer Manual & Automation

  API Testing:
  Conducted REST API testing for mobile applications such as АЛЛО and Yakaboo.
  Used Postman for request creation, validation, and response verification.
  Leveraged Burp Suite to intercept and analyze mobile network traffic.

  Automated Testing:
  Developed and maintained automated test scripts using MFTF (Magento Functional Testing Framework) and Selenium.
  Created and configured test scenarios to validate business workflows and ensure application stability.

  Manual Testing:
  Performed comprehensive manual testing for web and mobile applications.
  Verified functionality, UI/UX, cross-browser compatibility, and responsive design.
  Tested major e-commerce platforms, including the АЛЛО website, in both desktop and mobile browsers.

SKILLS

- **Programming Languages:** Python, JavaScript, TypeScript.

- **Frameworks:** Django, Django Rest Framework.

- **Code Principles:** DRY, AHA, KISS, YAGNI, SOLID.

- **Backend Technologies:** REST, SOAP, GraphQL, WebSocket, asyncio.

- **Databases:** SQLite, PostgreSQL, MySQL, MongoDB.

- **VCS:** Git, GitHub, GitLab.

- **Testing Tools:** Selenium, Playwright, BurpSuite, Postman, MFTF, LoadNinja.

- **Frontend Technologies:** HTML, CSS, SCSS, Less, Sass, Tailwind CSS, Bootstrap.

EDUCATION

- **Uzhhorod National University**

  Bachelor's Degree in Software Engineering
  Uzhhorod, Ukraine

Expected: June 2022

LANGUAGES

- **English (B1)**

- **Ukrainian (Native)**

PROJECTS

- **IT company task manager**
  This project is a task management system for IT companies, enabling users to
  create, assign, and manage tasks.

- **InstaLoad**
  InstaLoad is a mini-service for quickly downloading videos, photos, Reels and
  Stories from Instagram in two clicks.

- **NotePad**
  A simple online notepad on Django: create, view, and edit notes.

- **Log Generator**
  GUI app in Python (Tkinter) using Faker for generating logs.

- **Personal Site**
  This is my personal website showcasing my skills, experience, and projects.

CONTACTS

+380 66 404 13 41

vumanskiy0664041341@gmail.com

Ukraine, Lviv

github.com/viktor-77

linkedin.com/in/viktor-umanskyi-8a5719375

viktor-77.github.io/Personal_site/