

Serhii Yalosovetskyi



Full Stack Software Engineer - crafting seamless digital experiences where code meets creativity.

[View the Project on GitHub](#)  
serg-yalosovetsky/CV

Full Stack Software Engineer

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CV: pdf

Summary

Full Stack Software Engineer specializing in Python, Flutter, and Svelte. Developed scalable backend systems and mobile applications, leveraging DevOps practices that improved deployment speed by 40%, leading to quicker product iterations based on user feedback in agile environments.

Overall Industry7 yrs

Python & BackEnd5+ yrs

Software Development7 yrs

Mobile (Flutter)2-3 yrs

Technical Skills

Back-End

PYTHONASYNCIOFASTAPIPOSTGRESQL

REDISPL/SQLPICCOLOdj DJANGO

dj DJANGO REST API

Mobile Development

FLUTTERDART

Front-End

SVELTESVELTEKITTAILWIND CSSTHTML5

Tools & Platforms

GITDOCKERKUBERNETESAWSTERRAFORM

ANSIBLENGINXBASHUBUNTU

Testing & Frameworks

PYTEST

Machine Learning

PYTORCHFAST.AI

Research & Work Experience

Software Developer

Techwhirl Infotech  
October 2024 – January 23, 2025

- Engineered a robust backend for a Telegram-based crypto exchange using FastAPI and Piccolo, reducing transaction times to under 2 seconds while maintaining adherence to evolving blockchain regulations.
- Collaborated with cross-functional teams to define precise business requirements, enabling the rapid achievement of key milestones in just two months despite evolving project parameters.

Software Developer

Zeus Electronics  
2021 – October 2024

- Redesigned architectural frameworks within Fyuzd, reducing monthly downtime incidents from six to one and ensuring smooth integration with existing workflows.
- Transformed legacy systems into scalable, cloud-native architectures while aligning with industry standards, directly supporting the company's strategic objectives.
- Executed comprehensive performance and reliability tests on REST APIs, pinpointing bottlenecks and driving a 50% acceleration in

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response times across endpoints.

- Configured Kubernetes environments to streamline Allgram CI/CD pipelines.
- Analyzed requirements across three applications and collaborated with stakeholders to refine specifications, achieving a 25% reduction in initial development time.

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## Cybersecurity Specialist

### Vodafone Ukraine

2018 – 2021

- Performed in-depth API security assessments by performing over 30 simulated attacks to evaluate system robustness and inform new guidelines aligned with OWASP standards.
- Established security protocols based on OWASP Mobile Security and Web App Security Guides, reducing critical incident response times by 40%.
- Fortified the organization's cyber defense strategy by implementing tools such as McAfee Endpoint Security and VMware ONE UEM, protecting sensitive data for over 5,000 daily users.
- Implemented advanced scanning methods to identify structural flaws, resolving key issues that impacted service delivery for thousands of daily interactions.
- Created a custom captcha system to neutralize DDOS attacks, ensuring uninterrupted service for more than 50,000 daily mobile interactions.
- Automated daily workflows with Bash and VBA scripting, saving over 60 work hours monthly.
- Spearheaded the formulation of business requirements for five major cybersecurity projects, ensuring alignment with strategic goals and enhancing cross-department collaboration.



## Projects

### United Help Ukraine

#### ✓ UnitedHelp

- Established the infrastructure for both web and mobile applications designed to enhance volunteer coordination, with real-time tracking that accelerated task completion.
- Crafted innovative backend features to address key challenges at UnitedHelp, prioritizing tasks to resolve three critical issues affecting user satisfaction.
- Designed and launched a user-friendly Flutter mobile platform, streamlining assignment tracking and reducing coordination time by one-third.

#### ✓ Captcha Project

- Developed a Python tool for generating and verifying captchas, bolstering web application security.

#### ✓ SongLyrics App

- Engineered features in a Flutter app that allow users to search and store song lyrics offline, resolving three major performance challenges based on user feedback.

#### ✓ Portfolio Website

- Built a SvelteKit-powered site featuring a landing page, portfolio, about section, request forms (with Telegram integration), and a blog.



## Education

### Bachelor's Degree in Informatics and Computer Engineering National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"

2014 – 2018




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## Language Skills

- **English:** B2 (Upper-intermediate).
- **Ukrainian:** Native.



## Contact

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