# Serhii Yalosovetskyi
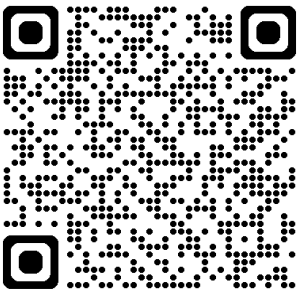


Full Stack Software Engineer - crafting seamless digital experiences where code meets creativity.

View the Project on GitHub
serg-yalosovetsky/CV



# Full Stack Software Engineer

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## Summary

Full Stack Software Engineer specializing in Python, Flutter, and Svelte. Skilled in backend and mobile app development, DevOps, and cybersecurity, with a strong interest in machine learning and web technologies. Currently seeking full remote opportunities.

## Technical Skills

### 🔧 Back-End

`🐍 PYTHON`  `⚡ FASTAPI`  `🐘 POSTGRESQL`  `🔴 REDIS`
`PL/SQL`  `PICCOLO`  `dj DJANGO`  `dj DJANGO REST API`

### 📱 Mobile Development

`🎯 FLUTTER`  `🎯 DART`

### 💻 Front-End

`🔴 SVELTE`  `🔴 SVELTEKIT`  `🌀 TAILWIND CSS`  `🟠 HTML5`

### ⚙️ Tools & Platforms

`🔴 GIT`  `🐋 DOCKER`  `☸ KUBERNETES`  `AWS`  `TERRAFORM`
`A ANSIBLE`  `N NGINX`  `BASH`  `UBUNTU`

### 🧪 Testing & Frameworks

`🧪 PYTEST`

### 🤖 Machine Learning

- Experience with **fast.ai** and **pytorch** for image classification tasks.

## 🎓 Education

**Bachelor's Degree in Informatics and Computer Engineering**
**National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"**
*2014 – 2018*

- Developed a CNN project to diagnose liver diseases.

## 🔬 Research & Work Experience

**Software Developer**

**Techwhirl Infotech**
*October 2024 – January 23, 2025*

- Built a backend for a Telegram-based crypto exchange using **FastAPI** and **Piccolo**.
- Contributed to business requirement creation for the project.
- The project was discontinued after Telegram restricted blockchain exchanges except TON.

**Software Developer**

**Zeus Electronics**
*2021 – October 2024*

- Supported and developed **Fyuzd**, a synchronous audio streaming app.
- Designed and implemented new architectures for the Fyuzd app.
- Developed and maintained **Zeem**, a new streaming audio app based on microservices.

- Tested REST APIs and websites for performance and reliability.
- Configured Kubernetes environments for Allgram CI/CD.
- Collaborated on defining business requirements for various projects.

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### Cybersecurity Specialist

**Vodafone Ukraine**

*2018 – 2021*

- Developed REST APIs for API security testing.
- Created security standards aligned with **OWASP Mobile Security Guide** and **OWASP Web App Security Guide**.
- Enhanced infrastructure security using McAfee Endpoint Security and VMware ONE UEM.
- Conducted penetration testing for websites and mobile apps.
- Created captcha to preventing DDOS attacks.
- Automated daily tasks with Bash and VBA scripting.
- Collaborated on creating business requirements for multiple projects.

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### Software Developer

**United Help Ukraine**

*2022 – 2023*

- Developed backend views and models for the **UnitedHelp Project**.
- Built a **Flutter-based mobile app** for volunteers.
- Defined business requirements for UnitedHelp systems.

## 🌱 Projects

### ✅ Captcha Project

- A Python-based tool for generating and verifying captchas to enhance security for web applications.

### ✅ 2048 Game

- Implementation of the classic 2048 game on python, used TUI.

### ✅ UnitedHelp Project (Inactive)

- A backend and mobile solution for volunteer operations, featuring task management and reporting capabilities.

### ✅ SongLyrics App

- A Flutter-based mobile app to search for song lyrics offline.

### ✅ Portfolio Website

- A **SvelteKit** project with a landing page, portfolio, about page, request forms (Telegram integration), and a blog.

## Language Skills

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

## 📞 Contact

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🌐 GitHub Profile