

Timotei Stefan Izbasa

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EXPERIENCE

Freelance Web Developer

2025 – Present

Sound Watching Drum

Italy

- Developed and deployed a responsive website for a local business using HTML, CSS, and JavaScript
- Handled domain registration and hosting via Aruba.it, including custom DNS and email setup
- Collaborated directly with the client to define requirements, implement features, and provide ongoing updates
- Live site: swdrum.com

Linux Server Administrator

2020 – 2021

Freelance - Client Project

Italy

- Provisioned and configured a cloud-based Linux VM for game server hosting
- Managed Docker containers, Nginx, TLS certificates, MySQL databases, and firewall configurations
- Delivered a secure and reliable server environment tailored to client needs

PROJECTS

Interactive CNN Visualizer | *TensorFlow, Python, Three.js, TensorFlow.js*

2025 – Present

- Built a browser 3D interactive Convolutional Neural Network visualizer (ai.tste.dev)
- Trained the CNN using TensorFlow in Python and exported weights to JavaScript for real-time visualization
- Designed for educational purposes to help students understand the inner workings of CNN layers
- Held a presentation about computer vision technology, applications, future prospects, and ethical implications

Portfolio Website | *Vite.js, Cloudflare, HTML, CSS, JavaScript*

2023 – Present

- Designed and developed a responsive personal website to showcase technical projects and experience
- Deployed the website and optimized for SEO and accessibility (tste.dev)

SeaJam Submission | *Godot*

2021 – 2021

- Created a 2D game focused on plastic pollution awareness for a fundraising Game Jam (tste.itch.io)
- Handled design, development, and publishing under time constraints (youtu.be/cPKeTf2BLMg)
- Contributed to TeamSeas' global efforts to remove over 34 million pounds of plastic from the ocean

Tech Hobbies and Experiments

2019 – Present

- Performed forensic analysis on legacy Android phones using open-source tools and recovery techniques
- Experience with phone/laptop repairs and troubleshooting; experienced in soldering and disassembly
- Created and published Linux dotfiles for Arch-based environments
- Self-hosted Minecraft and web servers on Oracle Cloud Infrastructure

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML, CSS, Bash, Shell, SQL, GDScript, C, C++

Frameworks & Libraries: TensorFlow, TensorFlow.js, Three.js, Playwright, Pygame, Godot

Developer Tools: Git, Docker, Nginx, Arduino IDE, VS Code, Visual Studio, Vim

Platforms: Linux, Google Cloud Platform, Oracle Cloud Infrastructure, Aruba hosting, Cloudflare

Other: Web development, Linux system administration, Hardware repair, Cybersecurity fundamentals

CERTIFICATIONS

NDG Linux Essentials

Aug 4, 2025

Cisco Networking Academy

Verify on Credly

LANGUAGES

Italian: Native proficiency | **Romanian:** Native proficiency

English: C1 - Advanced proficiency in academic and technical communication

I authorise the processing of personal data contained within my CV, according to GDPR (EU) 2016/679, Article 6.1(a).