Vitalii Balint

Linux & Windows Systems Administrator | IT Infrastructure | Security & Automation

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vitaliibalint.com | ta551.info | github.com/vitaliibalint39-oss | linkedin.com/in/vitalii-balint-a244193a6

Authorized to work in the United States | Open to Michigan and U.S. remote roles

PROFESSIONAL PROFILE

Systems administrator and founder of Vitalii Balint Digital Studio (vitaliibalint.com), an independent digital studio delivering web development and IT infrastructure services to small businesses. Support hosting, DNS/TLS, web services and automation, with earlier public-sector IT operations and freelance assignments. Document Azure, Docker, Ansible, Terraform and Wazuh labs on my independent technical blog, ta551.info. Troubleshooting approach: inspect logs, isolate the cause, test the fix and document the result.

TECHNICAL SKILLS

Systems & Cloud: Linux (Ubuntu, Debian, CentOS); Azure VMs; SSH; VMware/VirtualBox; Docker/Compose; Terraform (lab)

Windows Administration: Windows Server 2019/2022; IIS; service configuration; system updates; firewall configuration; PowerShell troubleshooting

Networking & Web: TCP/IP; DNS; VPN; firewalls; HTTP(S); TLS certificates; Nginx; Apache; Cloudflare; monitoring; backups

Databases & Automation: MySQL/MariaDB; SQL troubleshooting; Python; Bash; Ansible; GitHub Actions

Security & Investigation: Hardening; access controls; log review; root-cause analysis; Wazuh/OpenSearch (lab); defensive OSINT

PROFESSIONAL EXPERIENCE

Founder & IT Engineer | Vitalii Balint Digital Studio (vitaliibalint.com) | 2026–Present

- Operate an independent digital studio with six published projects, including client websites for hospitality, wellness, cleaning and translation.
- Manage hosting, DNS, HTTPS/TLS, Nginx/Apache, multilingual websites, technical SEO and contact APIs; develop Python-based website and email-configuration diagnostics (siteprobelab.com).

Linux Infrastructure Support | Finrex.com (Freelance, non-U.S. client) | 2024, ~10 months

- Supported Linux VPS servers on Microsoft Azure and Docker-based application environments.

Project Manager | Web / Cryptocurrency Platform | 2023–2024

- Coordinated an eight-person team across development, testing, deployment and technical operations; supported troubleshooting, documentation and infrastructure-related fixes.

Career Break | Ukraine | 2021–2023

- Career interruption due to the war in Ukraine and related personal circumstances.

Cyber Security Specialist | Independent Freelance Contractor | 2017–2021

- Reviewed potential threats, network traffic and anomalies; documented findings and client recommendations.
- Analyzed malware behavior in isolated environments and created data-processing and automation scripts.

IT Freelancer | Independent, Project-Based Work | 2013–2017

- Completed independent, project-based IT assignments during this period.

Developer / System Administrator | Unified State Registers, Uzhhorod City Council, Ukraine | 2007–2013

- Maintained public-sector database applications, handled deployments and controlled system changes.
- Investigated application issues, performed operational updates, supported users and prepared technical documentation.

SELECTED TECHNICAL PROJECTS | DOCUMENTED LABS, 2026

AI-Powered SOC Lab | github.com/vitaliibalint39-oss/ai-powered-soc-lab

- Built a manually operated Wazuh/OpenSearch, Python, SQLite and local Qwen triage proof of concept with analyst-reviewable reports. Verified 152/152 alert-ID retrieval matches and 31 offline tests; CI identified a read-only guardrail bug. Non-production lab.

Azure Infrastructure & Application Reliability | ta551.info/blog

- Provisioned an Azure Ubuntu VM with Terraform; configured Docker networking, Nginx reverse proxy and Java/Tomcat test app. Verified nine Ansible checks and tested a Python SSH-log detector with synthetic events.

Hermes OSINT Framework | Technical research

- Built passive, public-source domain research workflows for DNS, certificate transparency, hosting and reputation signals; documented confidence levels and source limitations.

Technical Blog | ta551.info/blog

- Publish hands-on guides covering Linux VPS hardening (SSH, UFW, Nginx) and Wazuh SIEM with AI-assisted alert triage.

EDUCATION

Specialist Diploma, Information Management Systems and Technologies (2011); Bachelor's Diploma, Computer Science (2010) — Transcarpathian State University, Ukraine. Junior Specialist Diploma, Programming (2005). Ukrainian credentials; U.S. equivalency evaluation not yet completed.

CERTIFICATIONS & TRAINING

Cisco Networking Academy: Ethical Hacker (Oct 2026); Junior Cybersecurity Analyst Career Path (Oct 2026); Endpoint Security (Sep 2026); Linux Unhatched (Sep 2026); Networking Basics (Sep 2026); Networking Devices and Initial Configuration (Sep 2026); Introduction to Modern AI (Aug 2026); Introduction to Cybersecurity (Mar 2026). GoIT Cybersecurity training (2024). Verify: credly.com/users/vitalii-balint