

Irem Kuyucu

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EXPERIENCE

- **Surfshark** Vilnius, Lithuania · Hybrid
Penetration Tester Mar 2023 – Present
 - **Application pentesting:** Pentesting web, mobile and desktop applications using vulnerability scanners, fuzzers, static code analysis and hands-on testing. Using various tools such as Nessus, SonarQube, Burpsuite, ZAP, Ghidra and Frida.
 - **”Purple-teaming”:** Configuring and testing firewalls and SIEM/EDR solutions (Wazuh, Cortex XDR, SentinelOne) using malware samples, MITRE ATT&CK simulations and C2s.
 - **Infrastructure and network pentesting:** Testing for vulnerabilities, misconfigurations and pivoting in the server inventory. Testing WiFi and network segmentation.
 - **Phishing campaigns:** Executing phishing campaigns in various forms using Gophish, Knowbe4 and custom written backends.
- **Digilol** Tallinn, Estonia · Remote
Freelance Fullstack Developer & Penetration Tester Oct 2022 – Present
 - **Software development:** Programming using Go, C, Python, Vue.js, React and Nix based on customer specifications.
 - **Penetration testing:** Performing penetration tests on customer applications/infrastructure and writing reports.
- **Surfshark** Vilnius, Lithuania · Hybrid
System Administrator Feb 2022 – Mar 2023
 - **Ansible, CI/CD and containerization:** Writing multi-role Ansible playbooks, GitLab CI/CD pipelines, creation of custom Docker images.
 - **Monitoring and SIEM:** Grafana, Prometheus, InfluxDB and M3. Wazuh, Falco and Trivy for SIEM.
 - **On-premises and cloud:** Working with Proxmox VE cluster and AWS. Managing VMs and LXC/LXD containers.
 - **Go programming:** Writing internal tools, scrapers and custom proxies.
- **Cake Labs LLC** Charlestown, Nevis · Remote
Freelance Backend Developer Mar 2022 – Jun 2022
 - **REST API:** Writing REST APIs in Go programming language.
 - **Twilio and SendGrid:** Integrating Twilio and SendGrid APIs for SMS and eSIM services.
 - **Cryptocurrency payments:** Handling Monero payments utilizing MoneroPay payment processor.

CERTIFICATIONS

- **CompTIA PenTest+**
Verification code: YD5S3GFRJFRQ1TSZ Jan 2024 – Jan 2027

EDUCATION

- **Vilnius Gediminas Technical University** Vilnius, Lithuania
Bachelor’s Degree in Informatics; Information Technologies Sep 2021 – Present

OPEN SOURCE PROJECTS

- **MoneroPay ☆ 75** Apr 2021 – Present
Payment gateway for Monero cryptocurrency.