

Shuvalov Artem

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PROFESSIONAL SUMMARY

Network Security Engineer with experience supporting security infrastructure across 3,200+ branch offices. Specialized in Amicon FPSU administration, VPN infrastructure, firewall configuration, and SecurityVision NDR. Hands-on experience with Cisco ASA, Palo Alto Networks, and Cisco Firepower, supported by Python and JavaScript automation.

WORK EXPERIENCE

Senior Network & Security Engineer – Sberbank

Mar 2024 – Sep 2026

- Managed network security infrastructure supporting 3,200+ branch offices across branch, regional, and central network environments.
- Administered Amicon FPSU appliances, configuring central nodes, VPN tunnels, cryptographic keys and routing; resolved outages and restored connectivity.
- Independently configured Cisco ASA firewall policies, access controls, and routing across firewall contexts.
- Worked with Palo Alto Networks NGFW, supporting firewall policy management, traffic analysis, threat prevention, and network security troubleshooting.
- Investigated suspicious network activity using SecurityVision, Splunk, Zabbix, and Grafana, supporting alert triage and NDR workflows.
- Developed and deployed a JavaScript web automation platform used by 10+ department employees for service requests, equipment faults, and operational logs. And secured cross-departmental approval and resources to develop the platform as an internal application, with a proposed expansion to approximately 40 additional users.

Software Engineer – STC

Oct 2023 – Feb 2024

- Developed Python scripts using regular expressions to extract relevant data from JSON files exported from websites.
- Automated filtering, cleaning, and transformation into structured JSON outputs containing only required information.

SELECTED PROJECTS

Automated FPSU Configuration Audit Tool – Python

- Built a Python tool to compare Amicon FPSU configuration files with reference configurations and identify deviations and potential misconfigurations.
- Implemented selective checks of individual configuration sections to enable targeted audits.

Security Operations Automation Platform – JavaScript, HTML, CSS

- Designed a web interface for generating service requests, tracking equipment failures, and maintaining operational records.
- Proposed its development into a dedicated internal application with its own corporate domain; development was approved but not completed.

EDUCATION

ITMO University

Sep 2023 – Jul 2025

Master's Degree in Information Security. Thesis: Python ML model to detect SYN-flood patterns in packet captures.

Saint Petersburg State University of Telecommunications (SPbGUT)

Sep 2019 – Jul 2023

Bachelor's Degree in Information Security. Thesis: Analysis of linear functions associated with AES-256.

CERTIFICATIONS

Traffic Filtering (ANT0011) – AntColony	2025
Firewall 10.0: Problem-Solving and Troubleshooting – MasterLab	2025
Data Analysis Technologies – ITMO University (BonusTrack)	2024

SKILLS

Network Security: Amicon FPSU, Cisco ASA, NGFW Palo Alto Networks (Panorama), Cisco Firepower (FTD), NGFW, ACL, NAT, network segmentation.

Security Operations: SecurityVision, NDR, incident investigation, alert triage, Splunk, log analysis.

Networking & VPN: TCP/IP, DNS, DHCP, VLAN, VRF, routing, IPsec, GlobalProtect, VPN troubleshooting.

Monitoring & Diagnostics: Wireshark, tcpdump, Zabbix, Grafana, Nmap.

Automation & Systems: Python, JavaScript, HTML, CSS, JSON, Regex, Git, Windows, basic Linux.

LANGUAGES

Russian (Native), English (B2), Spanish (B1)