

AZAMAT APSAMATOV

NETWORK ENGINEER | NETWORK SECURITY | INFRASTRUCTURE

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PROFESSIONAL SUMMARY

Network and infrastructure engineer with 10+ years of experience across enterprise networking, telecommunications, IT operations, and technical support. Hands-on background with routers, switches, firewalls, VLANs, TCP/IP, Linux/Windows systems, infrastructure monitoring, troubleshooting, and documentation. Experience spans large-scale 2G/3G/4G telecom environments, enterprise banking infrastructure, and U.S.-based IT operations. MS in Software Engineering with additional experience in AWS, Docker, Python, automation, and CI/CD.

TECHNICAL SKILLS

Networking: TCP/IP, IPv4 subnetting, routing, switching, VLANs, STP/RSTP, EtherChannel, DNS, DHCP, NAT, VPN, firewalls, network troubleshooting, network security

Tools / Platforms: Cisco technologies, Fortinet, Ubiquiti, Zabbix, Grafana, Snipe-IT, Wireshark

Systems / Cloud: Linux, Windows Server, AWS (EC2, S3, IAM, VPC), Docker, Kubernetes, Jenkins, CI/CD, Ansible, Git/GitHub

Programming / Telecom: Python, Java, SQL, PostgreSQL, REST APIs, 2G/3G/4G, DWDM, SDH, microwave, fiber optics

PROFESSIONAL EXPERIENCE

IT Support Specialist

Jul 2026 – Aug 2026

AIH Laboratory

Anaheim, CA

- Implemented Zabbix monitoring and Grafana dashboards for Windows and infrastructure visibility, including CPU, memory, disk, and network metrics.
- Deployed and configured Snipe-IT asset management in Docker/WSL2, including custom asset fields, CSV migration, barcode labeling, and inventory tracking.
- Supported workstations, network connectivity, shared resources, SMB-based scanning, and day-to-day infrastructure troubleshooting in a laboratory environment.
- Built a Python-based PDF scan renaming workflow to automate document identification and file handling for shared network folders.

Team Lead, Innovation Pod

Aug 2025 – Dec 2025

PigyBak

Cleveland, OH

- Led development of an automated customer reminder workflow using n8n, REST APIs, scheduling logic, and AI voice calling.
- Integrated contractor schedules and customer data from the PigyBak API; coordinated requirements, testing, and project delivery with stakeholders.

Network Administrator

Dec 2020 – Jul 2022

National Bank of the Kyrgyz Republic

Bishkek, Kyrgyzstan

- Administered and supported enterprise network infrastructure including routers, switches, servers, firewalls, and internal connectivity in a business-critical environment.
- Troubleshoot network, hardware, system, and connectivity issues; performed configuration changes, monitoring, maintenance, and technical documentation.
- Supported infrastructure upgrades and reliability improvements while maintaining secure and stable IT operations.

2G / 3G / 4G Support Engineer

Jan 2015 – Jul 2020

ZTE Kyrgyzstan

Bishkek, Kyrgyzstan

- Supported deployment, integration, troubleshooting, and maintenance of 2G, 3G, and 4G mobile network infrastructure for telecom operator environments.
- Worked with field and operations teams during network rollouts, site integration, incident resolution, and service restoration.
- Coordinated technical issue resolution across engineering and operations teams during large-scale telecom projects.

Microwave / Transmission Engineer

Jun 2011 – Jun 2014

Huawei Technologies

Bishkek, Kyrgyzstan

- Deployed and maintained DWDM, SDH, and microwave transmission networks supporting 3G and 4G network rollouts.
- Coordinated installation and configuration of microwave radio relay stations with local teams and supported troubleshooting and technical documentation.
- Contributed to cross-border DWDM and SDH connectivity projects.

EDUCATION

Master of Science in Software Engineering — Cleveland State University, Cleveland, OH

2025

Bachelor's Degree in Radio Engineering — Kyrgyz State Technical University, Bishkek, Kyrgyzstan

2009

CERTIFICATIONS

AWS Certified Cloud Practitioner | Amazon Web Services | 2024

Cisco Certified Network Associate (CCNA) | Cisco | Earned 2021