

Job Title: Network Architect

Location: Republic of Moldova (Remote options available)

Company: ITcare

About Us: ITcare is a fast-growing Managed Service Provider (MSP) based in the Republic of Moldova, specializing in delivering comprehensive Managed Services and Professional IT solutions. Founded in 2021 by a team of technology and engineering experts with over 15 years of hands-on experience in the telecommunications and IT industries, ITcare has quickly expanded its reach to manage IT infrastructures for clients across Europe, North America, Asia, and Africa.

Our core services include advanced Network Operations Center (NOC) support, cutting-edge network architectures, and DevOps solutions, tailored to meet the evolving needs of ISPs, Telecom service providers, Data Centers, and enterprises. We pride ourselves on providing cost-effective, customer-centric solutions, leveraging automation technologies to reduce errors and increase operational efficiency.

Position Overview: We are seeking an experienced **Network Architect** to join our dynamic team. As a key member of our engineering team, you will be responsible for designing, implementing, and optimizing complex network solutions for our global clients. You will act as a subject matter expert, leading troubleshooting efforts and ensuring the reliability, scalability, and security of customer networks. This role is ideal for someone with deep technical expertise in IP technologies and a passion for solving complex network issues.

Key Responsibilities:

- Serve as the Subject Matter Expert (SME) for customer production networks across Telecom, Service Provider, Enterprise, and Data Center environments.
- Lead advanced troubleshooting efforts for IP technologies, including network connectivity, routing protocols, and services.
- Perform deep-dive analysis on complex network issues across various platforms (Cisco, Juniper, Huawei, SDN, etc.).

- Assess and mitigate network risks, developing and implementing solutions to prevent disruptions.
- Establish and maintain IP relationships with carriers and peers using BGP.
- Configure, plan, and integrate network devices and services for optimized performance.
- Provision advanced IP services such as L2VPN/L3VPN, EVPN, and more.
- Design and implement network monitoring and automation solutions to improve operational efficiency.
- Collaborate with System Engineers to optimize Data Center networks.
- Mentor and onboard junior engineers, fostering knowledge sharing within cross-functional teams.
- Stay current on industry trends, evaluating and integrating new technologies.
- Engineer new network solutions, creating High-Level and Low-Level Designs (HLD/LLD).
- Partner with the Network Operations Center (NOC) to develop, optimize, and automate processes.
- Participate in a 24/7 on-call rotation for critical incident response and support.

Qualifications:

- Excellent spoken and written English communication skills; native Romanian or Russian speaker preferred.
- JNCIP or CCNP certification is required; JNCIE or CCIE certification is a strong advantage.
- Minimum of 3 years' experience providing 3rd line support for Juniper and Cisco equipment.
- Extensive hands-on experience with Juniper routers (MX series) and switches (EX and QFX series).
- Proven experience working with GPON networks (Huawei GPON experience is a plus).
- Ability to quickly adapt to new technologies and vendors, such as Arista, Nokia, Dell, Edgecore, HPC, ZTE, Ericsson, etc.
- In-depth experience working with multicast protocols and technologies, including IGMP, PIM, Anycast RP, and MVPN.
- Experience with BNG solutions; SDN/vBNG experience is a plus.

- At least 3 years of experience with open-source monitoring tools such as Zabbix, Nagios, Grafana, and Prometheus.
- Strong understanding of networking protocols and technologies like STP, VRRP, Virtual Chassis, M-LAG, OSPF, IS-IS, BGP, MPLS, and Segment Routing.
- At least 1 year of experience with Python for network automation.
- Experience with automation tools such as Ansible, Chef, and Puppet.
- Solid understanding and hands-on experience with UNIX systems.

Why ITcare?

- Opportunity to work with cutting-edge technologies and a diverse, global clientele.
- Be part of a fast-growing company with opportunities for career growth.
- Collaborative and supportive work environment.
- Flexible working hours with remote options.
- Competitive salary and benefits.