

PERSONAL INFORMATION



JOB APPLIED FOR

Shahram Khazaeifar

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Sex Man | Date of birth 12/01/1989 | Nationality Iranian

Senior Network Engineer & Security (Fortinet-F5-PaloAlto-Cisco-Sophos) & VDI & NSX & SDN & Cisco ACI& Cisco DNA

SKILLS

LAN/WAN Technologies:

SD-WAN, Cisco VPN (MPLS, VPLS, BGP, OSPF, ISIS), QOS, Traffic Engineering

Security:

Fortinet (IPS, IDS, ZTNA, SSL VPN, Advance Route) Juniper SRX, Sophos, F5, Cisco ISE

Network Monitoring and Sniffer Tools:

Wireshark, Cisco Configuration Professional (CCP), burp, Panorama, CA Spectrum, Cisco Meraki Cloud and Solar winds, Huawei U2000

Operating Systems:

Cisco IOS, Cisco NSX, Windows, PAN OS, Linux (CentOS, TinyOS), Kali Linux Microsoft Windows Server 2008/2012/2016/219

Hardware Equipment:

Cisco Routers (2500,2800,3600, 3800 7200, 7600,4331,4451, ASR 1001x) & Switches (1900,2900, 3550,6500, Nexus 9k/7k series) ASA (5500,5510,5520), Netapp, Modbus TCP, PA-3000. MDS 9000 and 9100

Routing/WAN Protocols & Switching Protocols:

BGP, MPLS, EIGRP, SONET, VPLS, OSPF, VPN, Frame Relay, HTTP, FTP, SMTP, HDLC, RIPV1/V2, NTP, SNMP, IPv4, and IPv6, HTTPS, PPP, VLAN, VTP, STP, layer 2 and layer 3 switches

IP Suite:

TCP/IP, ARP, UDP, DNS, DHCP, SSH, Telnet, IPsec VPN, SSL

Strong knowledge of the underlying JIRA database structures

Ticket:

JIRA/SNOW, Tailor, Xola

WORK EXPERIENCE

dates (2023 - 2025)

MSVCO - Design and implementation of industrial and steel, oil and gas projects

Senior Network Design and Security Architect with extensive expertise in complex routing and switching solutions, specializing in Cisco ACI, Cisco DNA, Fortinet NSE7, Juniper, and Huawei network architectures. Demonstrated proficiency in advanced routing and switching protocols, including MPLS, BGP, OSPF, and SD-WAN, as well as Software Defined Networking (SDN) and VPN solutions. Skilled in Microsoft and Linux services administration, VMware virtualization, and Active Directory (Audit, Optimization, Automation, Hardening). Advanced knowledge in Azure (Audit, Security, Consulting, Conditional Access, App Proxy), coupled with robust on-premises server management (2008-2019) for DNS, DHCP, DFS, ADFS, GPO, Hyper-V, and specialized backup solutions such as Veeam Backup and Acronis Backup. Core skills extend to Cisco IPS, IDS, Sophos, ITIL, Network Security Engineering, and Ethical Hacking. Certified with CCIE, CCNP Security, and ITIL credentials, known for developing secure, scalable network architectures and delivering enterprise-grade solutions. VoIP technologies expertise includes CUCM, Asterisk, Cisco VoIP, and Microsoft Exchange integration.

dates (2021 - 2023)

Tilatel - Telecommunications Industries

Iran, Tehran employer's: Abolghasem Mahmoodi (www.tilatel.com)

Establishing network connectivity by designing reliable network infrastructure, configuring network hardware, and enforcing system standards in WAN-LAN devices such as Cisco (4331, 4451 ISR/1001x, 1001, 1002 ASR) series routers, Cisco Nexus (9k/7k) series, Cisco SD-WAN (vEdge 1000 series routers), and Cisco Catalyst (9k/6k/4k) switches throughout all deployments. Senior expert in infrastructure design and maintenance of Cisco, Juniper, Fortinet, Huawei, Mikrotik, and Sophos with advanced design expertise in SD-WAN (Versa), SD-LAN, and WAN optimization technologies for efficient application data delivery across LAN and WAN. Skilled in infrastructure design, network traffic engineering, and security based on Cisco standards. Proficient in implementing secure VPN connections, supporting and maintaining Cisco and Mikrotik equipment, implementing and providing technical support for VMware virtual machines, and configuring Mail Server Exchange and Windows Server services. Experienced in VoIP service configuration and support (CUCM) and serving as a senior consultant and responsible for national projects in cloud networks.

Informatics company in the field of security services and network solutions

dates (2017 - 2025)

Rightel - Telecommunications Industries

Iran, Tehran employer's: Reza nikkhah (www.rightel.ir)

Ensuring new fiber layouts to support newer MPLS networks and redesigning the network with Cisco 4331, ASR1001x and ASR1002 HX routers along with Catalyst 3560 CX, 9300 and 9500 as part of LAN side. Extensively working on Layer 2 & Layer 3 protocols such as EIGRP, OSPF, BGP, HSRP, STP, RSTP, BPDU, VLAN etc and deploying route maps, prefix lists, shape average policies, NETFLOW on interfaces, BGP attributes and Route redistribution. Established a new Work From Home Environment for Delta Reservations team during Pandemic 2020 ensuring the safety of the 2500 Reservation agents using Cisco Meraki MX450s (Hub ends) and Z3/Z3Cs as the spoke ends. Designing and implementing new solutions to make the current network environment more robust and reliable using technologies such as Performance routing (Pfrv3), WAN resiliency, DMVPN & 4G-LTE-ANTM, SD-WAN. Analysis and configuration and implementation of routing and switching network operations - MPLS and VPLS service support for telecommunication towers - Security of the NOC department and implementation of information security solutions with Cisco ASA equipment - Communication of Cisco and Mikrotik equipment based on tunnel and BGP protocols.

Mobile phone operator company and telecommunication services in Iran

dates (2011 - 2025)

Irancell - Collection of textile and weaving factories

Iran, Tehran employer's: Mohammad Zahedi (www.mahoot.ir)

Expert in Active Directory administration, including installation, upgrade, migration, and structure management on Microsoft Windows Server (2012, 2016) with advanced Identity and Access Management (IAM) for privileged accounts. Proficient in Group Policy Management, logon technologies (Kerberos & NTLM), Active Directory-Integrated DNS configuration, and multisite infrastructure management, encompassing sites, services, and subnet configurations. Skilled in managing domain trust relationships, executing bulk operations via PowerShell, and enforcing tier model hardening for high-privilege activities. Experienced in Active Directory Certificate Services (AD CS) and certificate lifecycle management, including the configuration of user and computer certificate templates. Competent in Active Directory Federation Services (AD FS) for SSO configuration, supporting WS-Federation and SAML protocols, and ensuring seamless sign-in experiences. Extensive knowledge in disaster recovery for AD environments, with hands-on skills in backup, recovery, and participation in DR tests. Additionally proficient in VMware ESXi, Zabbix, SolarWinds, and Jira for comprehensive network and infrastructure monitoring and management.

Mobile phone operator company and telecommunication services in Iran

EDUCATION

dates (2025 - 0000)

PhD student in Computer Science, Artificial Intelligence

Shahrood University of Technology

dates (2014 - 2017)

Master's Degree in Mechatronics Engineering, Machine and Computer Communication Branch

University of Science and Research in Tehran

dates (2008 - 2012) **Bachelor of Computer Engineering majoring in software**
Azad University, Hamadan Branch – Tehran

COURSES TRAINING

dates (2013 - 2022) **Cisco CCNA (Extended : 2022)**
Routing and Switching

dates (2013 - 2022) **Cisco CCNP (Extended : 2022)**
Routing and Switching

dates (2013 - 2022) **Cisco CCIE (Extended : 2027)**
Routing and Switching

dates (2018 - 2022) **Cisco Voice Over IP (Extended : 2020)**
CUCM/CME and Asterisk

dates (2019 - 2022) **Microsoft MCSE 2012 (Extended : 2025)**
AD-PA-SA-DNS-DHCP-IIS-VM-NS

dates (2020 - 2022) **Kerio Control (Extended : 2022)**
Firewall – VPN - Tunneling

dates (2019 - 2022) **Ethical Hacker v11 (Extended : 2019)**
DDOS-IPS-IDS-Security Web – Security Switch

dates (2019 - 2022) **Core Technology Data Center (Extended : 2022)**
Storage SAN EMC – Passive Optic Data Center – Cooling

dates (2021 - 2023) **CEHv12 + SANS 504(Extended : 2025)**
EC-Council - SANS Security - sql injection , xss , csrf , Directory traversa, IDS/IPS

dates (2021 - 2023) **Fortigate – FortiWeb**
VDOM-IPS-IDS-VPN-Accounting-Routing-Filtering

dates (2021 - 2023) **F5 BIG-IP Pack**
Local Traffic Manager - Routing Issues with SNATs - SSL Re-Encryption - TCPDUMP on the BIG-IP System - F5 TMOS Maintenance - VLAN, VLAN Tagging, and Trunking - LTM

PERSONAL SKILLS

Mother tongue(s) Persian
foreign language : deutsch

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Replace with language	C1	C1	C1	C1	C1
	Replace with name of language certificate. Enter level if known.				
Replace with language	C1	C1	C1	C1	C1
	Goethe				

Communication skills ▪ Interested in teamwork and group work with 10 years of experience

Organisational / managerial skills ▪ I am the leader of 7 people in a BTS tower maintenance project

Job-related skills ▪ I have a good command of network traffic processes and communication routing protocols

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Independent user	Proficient user	Proficient user	Independent user

Driving licence

Class 3 (B)

ADDITIONAL INFORMATION

Publications
Scientific articles and ISI

[Path planning of the viscoelastic micro biological particle to minimize path length and particle's deformation using genetic algorithm \(2020\)](#)

[Hybrid IPSO-automata algorithm for path planning of micro-nanoparticles through random environmental obstacles, based on AFM \(2018\)](#)

[Enhancing Security Clustering Algorithm In The Mobile AD HOC Network \(2015\)](#)

[Diabetes control and recognition by cellular learning automata \(2015\)](#)

[A Scalable And Robust Communication Paradigm For Data In Wireless Sensor Networks\(2015\)](#)

[Intelligent transport systems and the implementation of communication infrastructure \(2015\)](#)

[Blended learning approaches in medical science: a review article \(2013\)](#)

[Approachs of at modulative education in medical sciences: a review \(2012\)](#)