

# KAVEH ESLAHI

## Senior Network Engineer & Solution Architect

Tehran

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### CAREER PROFILE

Experienced senior network engineer, solution architect and Network Trainer with over 15 years of experience in routing and switching, service provider, and datacenter technologies, exemplary leadership skills as a project manager for Cisco Systems products and Other high end Network Platform.

### CORE STRENGTHS

Network and Solution Architect, Large Scale Network Technologies, CCIE #64313

### EDUCATION

2010 - 2011

#### Master's degree in Advanced Networking

Edinburgh Napier University, Edinburgh, UK

Analyzing and migrating to Private Cloud (Final Thesis)

2007 - 2009

#### Computer Systems Networking and Telecommunications

Stevenson College, Edinburgh, UK

- Graduated with honors

### WORK EXPERIENCE

Jun 2022 - present

#### Senior Network, DC Consultant, Global Trainer | NetworkKing

Cisco Enterprise, Cisco ISE, Cisco ACI, Cisco SDWAN, Cisco SDA, DC and EI tracks

Nov 2021 – Jan2022

#### Senior Network Architect – Network and Security Consultant

Providing Cisco SDA multisite – ACI multi-Pod – Secure Network Analytic (StealthWatch) - Cisco ISE 3.x integration for Central Bank of Libya (CBL)

Jan 2021 – Present

#### Senior Network Consultant – Bank Mellat

Designing SDWAN, SDA for a bank in massive scale (More than 5000 branches and 5 DCs around the middle east and Europe)

Sep. 2019 – Present

#### Senior Network Trainer, Solution Architect and Consultant

Averest-training (Averesttraining.com)

ASR9K Design and Implementation, IOSXR deployment Guide, IP multicast, Cisco SDWAN, Cisco SDA, Cisco ACI, Linux Bash Scripting, Python, Ansible automation

Jan. 2018 - Present

### **Senior Network and Security Consultant and Trainer**

Knowledge Club Turkey, Istanbul, Turkey

- Cisco DNA Specialist for SDWAN, IWAN, SD Access and data Center

May 2015 - Present

### **Senior Network Security Consultant**

Tourism Bank, Tehran, Iran

Latest Project: Implementing SDA and SD\_WAN

- Operation and redesign of the nationwide WAN
- Design and implementation of integrated VPN technologies, dynamic routing protocols, migration strategies, deployment of fully redundant typologies IP/MPLS core, radio and internet networks, isolating the network traffic from SP traffic, and FVRF deployment
- QoS design, base lining and auditing current data traffic, simplification, AVC, PFRv3 design and implementation, PFRv3 monitoring
- Simplified IWAN deployment and monitoring
- Cisco prime infrastructure deployment and automation
- Design, roll-out, and operation of connecting core sites to around 1000+ branch offices
- Design and implementation of DMVPN phase 3 over multiple transport networks including MPLS, WiMAX, channelized E1, and satellite
- Interconnected the main site through EIGRP to other existing branches

May 2013 - Present

### **Chief Technical Officer**

Jahan Aria Saman, Tehran, Iran

- Responsible for design, maintenance, and deployment of different network infrastructures
- Team leader for intelligent network technologies in self-driven architecture, network function virtualization, SD\_WAN, and software-defined networking solutions.
- Responsible for designing, building, and managing network teams for large scale datacenters

Jan. 2019 – Oct. 2019

### **Senior Network Consultant**

HI WEB Internet Services, Tehran, Iran

Mar. 2017 – Jan 2020

### **Senior WAN consultant and Trainer- Knowledge Club Ukraine (КЛУБ ЗНАНЬ УКРАЇНА)**

Knowledge Club Turkey, Istanbul, Turkey

- Planned, designed, and implemented Cisco Intelligent WAN 2.2 with advanced provisioning
- Optimized the current topology

## **PROJECTS**

Jan 2020 - Present

### **Network Architect at Telecommunication Company of IRAN**

DC and Enterprise infrastructure audit and Design

Apr 2020 – Present

### **Network Architect at Tourism Bank**

Act/Act DC design, ansible automation, Python for network programming

Jan 2020 - Present

### **Network Architect at Rayan Mehr**

DC and Enterprise infrastructure Design, Ansible automation, Linux Bash scripting

- May 2019 – Apr 2020 **Senior Network and Security Consultant at Bimeh-Kosar**  
Jahan Aria Saman Co., Tehran, Iran
- Apr. 2018 - Present **Senior Network Security Consultant at the Tehran Province Gas Company**  
Jahan Aria Saman Co., Tehran, Iran
- ISE 2.x, Integration with ASA with Firepower
- Apr. 2018 - Apr. 2019 **Senior Network Consultant**  
AFRANET, Tehran, Iran
- Analyzed, tested, and assessed the current network architecture
  - Developed and designed network migration strategies
  - Developed and executed MPLS, MPLS\_VPN, VPLS, MPLS\_TE, IPv6 over MPLS, Atom, multicast, and CGNAT
- Aug. 2017- Present **Network Security Consultant at the National Iran Gas Company**  
Jahan Aria Saman Co., Tehran, Iran
- Developing Low Level Security Design for Internet Edge Enterprise and CORE Network based on CISCO SAFE
  - Deployment of Cisco ISE 2.2 and Cisco Firepower
- Jul. 2017 – Present **Senior Network and Datacenter Consultant at the ICT Government of IRAN**  
Jahan Aria Saman Co., Tehran, Iran
- Planning, design, and implementation of Cisco Data Center Technologies including Unified Computing System, data center networking equipment, and associated management software (N7k, N5k, FEX, FCOE, etc.)
  - Planning and design of core network topologies including edge routers, core switches, VPN technologies and branches.
  - Planning, design, and implementation of Cisco Security architecture based on the SAFE framework
- Jul. 2017 - Present **Senior Network and Datacenter consultant at the Information Technology Organization of Iran (ITO)**  
Jahan Aria Saman Co., Tehran, Iran
- Jan. 2017 - Present **Network and Security Consultant**  
Duran Group, Tehran, Iran
- Cisco Trainer for CCIE R&S, CCNP DC and CCNP Service Provider
- Nov. 2015 - Present **Senior Network and Security Consultant at Behban-Shimi**  
Jahan Aria Saman Co., Tehran, Iran
- Data-center migration, Layer 2 WAN design, Layer 3 network redundancy, Site-to-site VPN connectivity, security analysis, virtualization
- Jan 2015 - Present **Senior Network and Security Consultant at ISACO.ir**  
Jahan Aria Saman Co., Tehran, Iran
- Migration and redesign of the core network to latest technologies in terms of design, hardware and software
  - Responsible for meeting tight deadlines and taking proactive measures to guarantee optimal network performance for market traders

- Providing time critical network support and troubleshooting under pressure
- Designed a highly redundant WAN network
- Carried out the Network Campus hardware redesign
- Carried out SDWAN deployment

Jan. 2012 - Present

**Network and Security Consultant at RQbank.ir**

Jahan Aria Saman Co., Tehran, Iran

- Carried out core network redesign to upgrade from Cisco 3750 Series switches to Cisco catalyst 6500e
- Design, implementation, and support of the core network (VSS, Spanning tree re-design, trunking, Ether-channel, VTP and VLAN setup)
- Third level support for both LAN (Gigabit Ethernet) and WAN mainly consisting of G. SHDSL, TDM, and ATM circuits
- Using protocol analyzers to locate application specific network problems
- Operation and redesign of the nationwide WAN
- Design, roll-out, and operation of connecting core sites to around 300 branch offices
- Design and implementation of DMVPN phase 3 over multiple transport networks including MPLS, WiMAX, channelized E1 and satellite
- Interconnecting the main site through EIGRP to other existing branches
- Responsible for the overall network security design including Intrusion Detection Systems (IDS), Cisco ASASM Firewalls, Juniper and FortiGate NG Firewalls, Cisco ACS Servers and VPNs
- Built a Cisco based IDS solution from scratch
- Third level support and performance management for the entire network
- Support and maintenance of Juniper SSG, IDP 800, Cisco ASASM and IDSM 2
- Shell script development for automation of daily backup and monitoring tasks
- Development of automatic maintenance and monitoring systems including SolarWinds NPM, Cacti, NTP Server, and Syslog Ng

Sep. 2017 – Apr. 2018

**Senior Network Consultant for IRAN Ports & Maritime Organization**

Jahan Aria Saman Co., Tehran, Iran

- Developed Low Level Security Design for different branches and ports according to the Cisco SDWAN standard

Jun. 2017 - Dec. 2017

**Network and Datacenter Designer for SAPCO.ir**

Jahan Aria Saman Co., Tehran, Iran

- Provided Planning, design, and support services for Cisco Data Center Technologies including Unified Computing System, Datacenter Networking equipment, and related management software
- (N7k, N5k, FEX, FCOE, etc.)
- Planned and designed the core network topology including edge routers, cores witches, VPN technologies, and branches

Nov. 2016 - Nov. 2017

**Network and Security Consultant for Amnafzar Co.**

Jahan Aria Saman Co., Tehran, Iran

Aug. 2016 - Dec. 2016

**Network and Security Consultant**

Henkel, Tehran, Iran

- Carried out core network redesign, DMVPN migration, security mitigation, risk analysis, Cisco ISE deployment, and Cisco Prime Enhancement

Apr. 2016 - Aug. 2016

**Enterprise VDI consultant for Bank Mellat**

Jahan Aria Saman Co., Tehran, Iran

Dec. 2015 – Aug. 2017

**Senior WAN consultant for Iran City Bank (Banke Shahr)**

Jahan Aria Saman Co., Tehran, Iran

- Carried out and redesign and operation of the nationwide WAN
- Carried out design, roll-out, and operation of connecting the core sites to around 1000+ branch offices
- Designed and implemented DMVPN phase 3 over multiple transport networks including MPLS, WiMAX, channelized E1 and satellite
- Interconnected the main site through EIGRP to other existing branches

Mar. 2015 – Aug. 2015

**Network consultant for Adonis ESD Co.**

Jahan Aria Saman Co., Tehran, Iran

- Designed and implemented the WAN network topology
- Found a suitable and cost-effective solution for the client in terms of \*\*\*
- Experienced with configuration, installation and management of Cisco routers
- Installed 2800 series routers and Catalyst 2960 series LAN switches
- Deployed different network technologies including VLAN, DUAL HUB DMVPN, and FVRF
- Set-up “pre-shared key” based site-to-site VPNs to ensure secure communication
- Designed and implemented global routing using EIGRP named mode

Dec. 2014 - Dec. 2016

**Senior Network and Security Consultant**

Peyvand Azad, Tehran, Iran

- Carried out Network, Security, and WAN optimization on different time-based projects such as (PFRv3, QoS, IGP optimization, BGP hardening, WAN optimization, VRF aware technologies)
- Offered security consultation for time-based projects

Mar. 2013 – Jun. 2015

**Senior Network and Security Specialist for TARASHT Power Plant**

Jahan Aria Saman Co., Tehran, Iran

- Carried out support, deployment, redesign, and optimization of different types of technologies around Cisco and Juniper technologies in the access, distribution, and core layer
- Interconnected different types of customers via VPN mechanisms
- Deployed VMware cloud-based solution (for real time software) for enterprise level infrastructure with re-arranging network and security parameters

Mar. 2012 – Sep. 2013

**ICT Vice President**

Tehran Institute of Technology, Tehran, Iran

- Cisco instructor, VMware Instructor, and CTO

Nov. 2009 - Jun. 2010

**IT Manager**

Edinburgh International Film Festival, Edinburgh, UK

- Was responsible for support, installation, and optimization of all networking infrastructure in Edinburgh City during the festival (for three different local sites)
- Maintained the Open Directory Network of Apple Macintosh computers used by the creative professionals at both EIFF and Film House, and the Windows Active Directory networks used for Ticketing and Finance, Management of the

bespoke Festival Management Platform used by EIFF, and the relationship with developers

- Coordinated the installation of IT and telephone systems at the EIFF Delegate Centre to provide efficient delegate, press & guest registration, a fully equipped press office, public internet access terminals, and a Videotheque on demand viewing system for delegates working with multivendor typologies and service providers

Jan. 2006 - Jan. 2008

**Network Technician**

KAHKESHAN Moshaver Imen (KNSecure), Tehran, Iran

Jan. 2003 - Oct. 2003

**Research Assistant & NOC Technician**

DATAK Telecom Co., Tehran, Iran

Jan. 2001 - Sep. 2002

**Technical Support Expert**

BizTalk Telecom AG, Tehran, Iran

- Fulfilled jobs as NOC technician, WAN support, and internet support
- Installed and worked on a real-time basis internet service provider widely in Tehran
- Supported different types of services (WEB, FTP, Mail, VOIP Gateway, leased lines, Wireless towers)
- Worked with Cisco switches, routers, PIX firewalls and other vendors

Jan 1999 - Jan 2001

**Technical Support Staff**

Iran Khodro Co. (IKCO), Tehran, Iran

Iran and the Middle East's largest automobile manufacturer

- Learned and experienced working under pressure by providing technical support to approximately 1000 PCs, mainframes, printers, and other devices

## TEACHING EXPERIENCE

May 2016 - Present

**Cisco Instructor**

Arjang Higher Education Institute (Remis Advanced Training Center), Tehran, Iran

**Courses**

- Cisco SDWAN, Cisco DNAC, Cisco IWAN, Cisco routing and switching courses (CCNA, CCNP and CCIE v5.1), CCIE Enterprise Infrastructure, Cisco SDA, Implementing VXLAN BGP EVPN, Implementing LISP
- IPv6 migration
- Cisco Datacenter courses (CCNA DCICN&DCICT, CCNP), Advanced BGP, Advanced MPLS, Segment Routing, Cisco Firepower for Enterprise and service provider sector such as Bank Maskan, MAPNA, Telecommunication infrastructure company, SHATEL, MTN IRANCELL, RIGHTEL, Bank MELLAT, Bank MELLI IRAN, Informatics Service Corporation, TAVANIR, ICT government, SHAPARAK, and many others

Apr. 2015 – Jul. 2016

**Cisco Instructor & Cisco Technology Advisor**

Cybertech Co., Tehran, Iran

- Courses included 2000+ hours of CCNAR&S-CCNP R&S, CCIE R&S, CCNA, and DC-CCNA Security

Mar. 2005 - Oct. 2009

**Microsoft Trainer & Cisco Trainer**

Kahkeshan Noor Institute of Technology, Tehran, Iran

- Microsoft trainee for infrastructure courses for Microsoft Windows XP, 2k3 including MCP, MCSA, and MCSE courses
- Cisco instructor for CCNA routing and switching, CCNP routing and switching courses (BCMSN, ONT, ISCW, BSCI)

## VOLUNTEER EXPERIENCE

- 2010 - \*\*\* **President**  
Edinburgh Persian Society, Edinburgh, UK  
Cause: Arts and Culture
- Apr. 2008 **Technical Support Expert**  
Edinburgh International Film Festival  
Cause: Arts and Culture

## LICENSES & CERTIFICATIONS

- Issued: Jan. 2016 & 2019 **CCIE R&S #64313**  
Expires: Does not expire Cisco
- Issued: Dec. 2015 **CCDP, CCDA**  
Expires: Jul. 2022 Cisco  
Credential ID: CSC012713456
- Issued: Jan. 2010 **CCNP R&S**  
Expires: Jul. 2022 Cisco  
Credential ID: CSC012713456
- Issued: Jan. 2005 **CCNA**  
Expires: Jul. 2022 Cisco
- Issued: Mar. 2007 **MCSA2003**  
Expires: Does not expire Microsoft  
MCP ID: 3020313
- Issued: Mar. 2007 **MCTS**  
Microsoft  
MCP ID: 3020313
- Issued: Jan. 2008 **ITIL**

## PERSONAL SKILLS

- Language Skills**
- Persian (Farsi): Mother tongue
  - English: Intermediate
  - Turkish: Beginner
- References**
- Available upon request.