Nima Joudaki

Network Architect, Consultant and Trainer

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Summary

- Network Architect, Consultant and Trainer
- 20 years of extensive experience
- Successfully completed over 400 projects
- Delivered over 8000 hours of teaching
- Educated numerous industry experts
- Worked on projects spanning across Iran, Armenia, Russia, England, Germany, and the USA

Certifications

Cisco Systems, Inc.

- Cisco Certified Design Specialist - May 2021
- CCDE - Written - May 2017
- CCIE Service Provider - Written - May 2014
- CCNP Routing and Switching - July 2011
- CCNA Routing and Switching - May 2010
- CCENT Routing and Switching - March 2010

Cisco Networking Academy

- ISO-IEC 27001 - November 2023
- PCAP - Programming Essentials in Python - June 2022
- NDG Linux Essentials - May 2022
- Networking Essentials - May 2022
- Introduction to Cybersecurity - May, 2022
- Understanding of Cisco Network Devices - February, 2020

Education

- **Yerevan Komitas State Conservatory (Yerevan, Armenia)**
  - Doctor's Degree - Music Theory and Composition - September 2004 - July 2012

Work History

- **Freelance | Global**
  - Network Architect, Consultant, and Trainer - September 2010 - Present

- **Pardis Etelaresan Sepehr (Alborz, Iran)**
  - Senior Network Design Engineer - September 2014 - Present

- **Tehran Institute of Technology (Alborz, Iran)**
  - Cisco Trainer - October 2013 - Present

- **Telecommunication Company of Iran – TCI (Tehran, Iran)**
  - Cisco Trainer - February 2017 – March 2020

- **Arjang Institute of Higher Education (Tehran, Iran)**
  - Cisco Trainer - February 2017 – March 2018

- **European Regional Academy (Yerevan, Armenia)**
  - Cisco Trainer - September 2010 - December 2012

- **SUNNET Company (Yerevan, Armenia)**
  - Network Design Engineer - November 2006 - December 2010

- **Jahan Net ISP Company (Tehran, Iran)**
  - Network Engineer - January 2003 - September 2005

Training

Over 8000 hours of teaching experience in the following areas:

- CCNA Routing and Switching
- CCNP Routing and Switching
- CCIE Routing and Switching

- CCNA Data Center

- CCNA Security
- CCNP Security

- CCNP Service Provider
- CCIE Service Provider

- CCDE - Service Provider Network Design

Technical Skills

- Highly skilled in CCIE R&S/SP and CCDE
- Network Design and Architecture
- Network Security policies and procedures
- Routing and Switching Protocols
- L2/L3 MPLS IP Design and Implementation
- WAN/LAN Design and Implementation
- Network Performance Optimization
- Disaster Recovery Planning
- Network Capacity Planning
- Network Monitoring and Troubleshooting
- Network Configuration Management
- Network Load Balancing and Traffic Management
- Remote access solutions
- Team training and mentoring

Some Favorite Large Scale Projects

- Design and Deployment of a Global MPLS Backbone Network
- Implementation of BGP Route Reflectors for Scalable Internet Routing
- Optimization of OSPF and IS-IS Convergence in Large-Scale Networks
- Deployment of MPLS Traffic Engineering for QoS and Bandwidth Optimization
- Design and Implementation of Inter-AS MPLS VPNs for Seamless Connectivity
- Development of Hierarchical QoS Policies for Multi-Service Provider Networks
- Integration of Segment Routing for Simplified Traffic Engineering
- Deployment of Secure IPSec VPNs with DMVPN and GETVPN for Enterprise Clients
- Implementation of Multicast VPNs (MVPN) for High-Quality IPTV Services
- IPv6 Transition Strategy and Deployment for a National ISP
- Design and Implementation of Carrier-Grade Network Security Measures
- Performance Optimization of MPLS Fast Reroute (FRR) Mechanisms
- Troubleshooting and Resolution of Complex BGP Peering Issues
- Design and Deployment of a Scalable VPLS Solution for Metro Ethernet Networks
- Migration of Legacy Layer 2 VPNs to MPLS-Based Solutions
- Implementation of Advanced QoS Policies for Voice and Video Traffic
- Deployment of Next-Generation Multicast Solutions (NG-MVPN) for Broadcasting Services
- Design and Implementation of a Dual-Stack IPv4/IPv6 Network Architecture
- Optimization of Network Resilience through MPLS FRR and LFA Techniques
- Integration of DDoS Mitigation Strategies into Service Provider Networks
- Implementation of IPv6 Multihoming Strategies for High-Availability Networks
- Deployment of NAT64 and DNS64 for Seamless IPv6 Migration
- Optimization of Network Performance through Advanced Traffic Analysis and Tuning