

# CURRICULUM VITAE



**Ali Amirfarshinejad**

**Network Engineer**

## Personal Information

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## Training Courses

07/2009-06/2010	Mediateam IT Education Center, Berlin, Germany	<ul style="list-style-type: none"> <li>• Building Scalable Cisco Internetworks (BSCI)</li> <li>• Building Cisco Multilayer Switched Networks (BCMSN)</li> <li>• Cisco Voice over IP (CVOICE v6.0)</li> <li>• Implementing Cisco Unified Communications Manager Part 1 (CIPT1 v6.0)</li> <li>• Quality of Service (QoS)</li> <li>• Implementing Cisco Unified Communications Manager Part 2 (CIPT2 v6.0)</li> <li>• Troubleshooting Cisco Unified Communications Systems (TUC v1.0)</li> <li>• Troubleshooting and Maintaining Cisco IP Networks (TSHOOT)</li> </ul>
09/2008 – 07/2009	VHS, Schöneberg, Berlin, Germany	<ul style="list-style-type: none"> <li>• German Course (Integrationskurs)</li> </ul>

## Working experience

Date	Company	Function
05/2007 – 09/2008	Nokia Siemens Networks, Tehran, Iran	<b>Network Engineer</b> <ul style="list-style-type: none"> <li>• Design and implement network infrastructure for Mobile Network</li> <li>• Provide high level technical support, including identifying and resolving problems on Cisco supported products</li> <li>• Work with static and dynamic routing (BGP, OSPF, EIGRP)</li> <li>• Deployed traffic management and QoS</li> <li>• Study and implement CISSP, ITIL fundamental</li> <li>• VPN solution for site to site and client to site with Netscreen devices</li> <li>• Install RSA SecurID authentication for VPN connection</li> <li>• WLAN and wireless (NLOS and LOS) 2.4 and 5.8 GHz bands</li> <li>• Configure and maintain Windows 2003 environment services, including Active Directory</li> <li>• Implement Asterisk PBX for internal usage</li> </ul>
09/2005 - 04/2007	Iran Navy / Nokia, Tehran, Iran	<b>Network Engineer</b> <ul style="list-style-type: none"> <li>• Coordinate with IT managers to develop and implement LAN and WAN policy for network security and administration, disaster recovery, patch management and content filtering</li> <li>• Perform vulnerability assessments on all Windows and Unix-based systems and perform required follow up with other departments to mitigate any vulnerabilities found</li> <li>• Setup and configure network monitoring and management systems – (NOC)</li> </ul>
06/2003 - 08/2005	Iranian Informatic Expansion, Tehran, Iran	<b>Network Administrator</b> <ul style="list-style-type: none"> <li>• Analyze and participate in the development of security standardization and implementation of security controls for local/wide area networks</li> <li>• Monitor network configurations and performance</li> <li>• Create technical reports, recommendations and solutions to meet short-and long-range goals</li> <li>• Implement routing static and dynamic (EIGRP, RIP)</li> <li>• Implement and maintenance switching protocol(VLAN, STP, RSTP, PAgP, HSRP)</li> <li>• Implement Virtual Private Network: VPN (Base on GRE and IPSEC)</li> <li>• Implement intrusion detection and prevention system with Honeyd, Cisco IDS and Snort</li> <li>• Implement Microsoft Internet Security Acceleration (ISA) Server</li> <li>• Implement billing solutions for wireless cloud with ASP, Delphi languages and MS-SQL Server</li> </ul>

12/2001 - 05/2003	Tahlilgar Ertebat Pouya, Tehran, Iran	<b>Founder / Developer / System Administrator</b> <ul style="list-style-type: none"> <li>• Implement ISP's with AS5800 and 2511 Cisco Devices</li> <li>• Develop Farsi language interfaces for MS Exchange 5.5 &amp; ISP accounting systems Nttacplus</li> <li>• Produces the web base applications (pricing, packaging, support, training etc.) such as Match Making, Website Directory, Advertising, Greetings, News, Companies Directory, Forum, Real State, E-shop ... with ASP, PHP and MS SQL Server, MySQL and MS Access</li> <li>• Design and implementation of first Iranian portal</li> <li>• Analyze and evaluate web traffic for strategic and operational plans regarding Search Engine Optimization (SEO)</li> <li>• Design and implement credit card systems for small e-commerce solutions</li> <li>• Implement and maintenance network infrastructure for different Organizations</li> <li>• Conducting Iran international Elecomp fairs and product shows (2001,2002)</li> </ul>
11/1998 - 11/2001	Kar Saz Sameh, Tehran, Iran	<b>Web Developer / System Administrator</b> <ul style="list-style-type: none"> <li>• Develop web application for dynamic form builders and advanced report services</li> <li>• Develop web application for Accounting department</li> <li>• Design and implement Website for different organizations</li> <li>• Plan and organize product testing, gathering and reporting on customer feedback</li> <li>• Deploy typical ISP services</li> <li>• Implement X25, leased line and VSAT connectivity</li> <li>• Develop LAN billing solution for small service providers</li> <li>• Implement log analyzer software for MS Proxy with VB and MS-SQL</li> </ul>
<b>Education</b>		<ul style="list-style-type: none"> <li>• Azad University – Tehran South Branch - 2004 Bachelor of Science in Computer Engineering</li> </ul>
<b>Certifications</b>		<ul style="list-style-type: none"> <li>• CCNA</li> <li>• CCNP</li> <li>• CCVP</li> </ul>
<b>Languages</b>		<ul style="list-style-type: none"> <li>• Persian: Mother tongue</li> <li>• English: Advanced</li> <li>• German: Intermediate</li> </ul>

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## Computer Expertise

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### Routing and Switching

- OSPF: Design, implementation and tuning of multiple networks. Working with Stub Area, Totally Stub Area, NSSA, Backbone area, virtual links including broadcast network, non broadcast network
- BGP: EBGp and IBGP, BGP Attributes, Single Homing and Dual Homing and working with single or multi service provider, Controlling on Inbound/Outbound
- EIGRP: Load balancing, EIGRP Stub
- RIP (V1/V2), IS-IS, Routing Optimization
- VLAN, VTP, STP, MST, RSTP, PVST, LACP, PAgP, HSRP, VRRP, GLBP and WLAN

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### Voice

- CUCM v7.x, Asterisk
- Implementing H.323, MGCP, SIP Gateways and H.323 Gatekeepers
- Implementing Media Resources
- Device and Extension Mobility
- Implementing SRST and MGCP Fallback
- Implementing Bandwidth Management and Call Admission Control
- Integrating Cisco Unified Communications Manager with Voice-Mail Systems
- Implementing Security in Cisco Unified Communications Manager

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### Security

- CISSP
- Vulnerability assessments and penetration testing and Auditing
- Restriction and content filtering
- Firewall [ Netscreen, Cisco ]: NAT, VPN (IPSEC, CA), L2TP
- Intrusion detection and prevention: Cisco IDS, Snort (Unix, Windows) and integration with firewall, IDP (Juniper/ Netscreen)
- Honeypot: Design and implementation
- Onetime password: RSA SecurID token
- AAA, RADIUS, TACACS+
- Cryptography: SSL, MD5, DES, 3DES, AES, RSA, Public and Private key

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### Hardware

- Cisco Switch (1900, 2900, 3500, 3700 Series)
- Cisco Router (800, 1700, 2500, 2600, 2800, 3600, 3700 Series)
- Wireless (Redline, NextNet, Senao, Solectek, Proxim, Teletronics, Linksys)
- Firewall (5GT, NS-25, Netscreen-500, Cisco PIX 515E)
- Netscreen IDP-100, Cisco IDS 4215
- RAID1/RAID5 technology
- Cisco IP phones

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### Software

- Operating System: MS Windows (9x, NT, XP, 2000, 2003), Linux Redhat 6.2, Fedora
- Web servers: IIS 4.0, IIS 5.0, IIS 6.0, Apache Tomcat
- Mail servers: MS Exchange 5.5 and 2000, Mdaemon
- Database: MySQL, Microsoft SQL Server, MS Access
- Proxy Servers: MS Proxy, ISA server, Wingate, Win route, Squid
- Restriction and content filtering: Smartfilter, Surfcontrol, Websense, Xstop, Bandwidth Splitter
- Authentication and logging: Cisco secure ACS, Nttacplus, EasyACS
- Monitoring: MRTG, Solarwinds, WhatsUp Gold, Event Tracker, HP Open view, Smokeping
- Other: VMWare, Remedy ARS, Ethereal, Snort, Security Scanner, TCPDump

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### Programming Language

- PHP, SQL, ASP, JavaScript, Ajax, VBScript, VB, HTML
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