

Curriculum Vitae

Personal information

Name Stefan Stefanov
Address Sofia, Bulgaria
E-mail stefan.stefanov.stefanov@gmail.com
Nationality Bulgarian
Work Permits UK Work Permit (blue certificate) holder

Technical skills and competences

Software:

Office: MS Office 2003/2007 (Word, Excel, PowerPoint, Visio, Project, FrontPage, Outlook), OpenOffice, WinCHM
Programming languages: Pascal, Delphi, VBA, C, bash, PowerShell, HTML, Java Script
Engineering tools: MATLAB, OrCad/PSpice, Express PCB
Network Management: Cisco LMS, ManageEngine, SolarWinds, MRTG
OS: Windows NT/2000/XP/2003/2008, RedHat, NetBSD
Security: Cisco ACS, Snort, Cacti
Web: Adobe Dreamweaver, Apache, MySQL, Adobe Flash, PHP
Virtualization: VMWare Server, VMWare ESXi, VMWare Player

Hardware:

Routers: Cisco, Option, ZTE, 3COM
Firewalls: Cisco, Roline, Juniper
Switches: Cisco, HP, Dell, 3COM, Linksys, AMC, ZTE
Wireless: Cisco, RadWin, Buffalo, D-Link, Linksys
Access Servers: Cisco
VoIP platforms: NetCentrex Softswitch, NeoXBC, NextOne SBC, Cisco PGW 2200, Cisco Call Manager 4.x
Voice Gateways: Cisco, AudioCodes
IP Phones: Cisco, SwissVoice, Linksys, Nortel
GSM Gateways: Blue Gate
Spam Gateways: Barracuda
Modems: analog, ISDN, xDSL, cable
Cable Testers: Fluke Networks

Network:

MPLS: L2 and L3 VPNs, Traffic Engineering, Inter-AS L2 and L3 VPNs, CsC, LDP, RSVP
Routing: RIPv1, RIPv2, RIPv3, OSPF, EIGRP, OSPFv2, OSPFv3, IS-IS, BGP, BFD, PBR
L2 protocols: CDP, VTP, DTP, STP, RSTP, MST, 802.1Q, ISL, PAgP, LACP
Voice: H.323, SIP, MGCP, RTP, SS7, SIGTRAN, IMS
Security: SSH, SSL, IPSec and SSL VPNs, AAA, PKI, IPS, 802.1x, TACACS+, RADIUS, DIAMETER, Kerberos
Tunneling: GRE, PPTP, L2TPv2, L2TPv3, PPPoE, Q-in-Q
Redundancy: HSRP, VRRP, GLBP, SSO, NSF
Mobility: Local Area Mobility, Mobile IP
Multicast: CGMP, IGMPv1, IGMPv2, IGMPv3, RGMP, MSDP, PIM, MP-BGP, Multicast VPNs
QoS: DiffServ, IntServ, NetFlow, NBAR
IPv6: network provisioning, multicast, security, QoS
WAN: Frame-relay, ATM, SDH, ISDN, xDSL
Network Management: SNMP, RMON, Syslog, NTP

Other:

Active Directory, NAT, DHCP, DNS, FTP, HTTP, SMTP, LDAP, NetBIOS, SMB, CIFS, FDMA/TDMA/CDMA, digital exchanges, Intelligent Networks, NGN, satellite communications, optical networks, Digital and IP TV, hosting services, hardware/software maintenance and troubleshooting, project management, team lead

Certificates

Cisco:

- CCNA (Cisco Certified Network Associate) – April 2005
- CCNP (Cisco Certified Network Professional) – Aug 2006
- CCDA (Cisco Certified Design Associate) – Jan 2007
- CCDP (Cisco Certified Design Professional) – Jul 2007
- CCIE (Cisco Certified Internetwork Expert) Routing & Switching №20713 – May 2008
- CSE (Cisco Sales Expert) – May 2008
- CCAI (Cisco Certified Academy Instructor) – Oct 2008
- CCIE (Cisco Certified Internetwork Expert) Service Provider (written exam) – June 2009

ISC²:

- CISSP (Certified Information Systems Security Professional) №323113 – Sep 2008

Microsoft:

- MCITP: Enterprise Administrator – Oct 2008
- MCITP: Server Administrator – Oct 2008

ITU:

- Basics of Spectrum Management – Feb 2005
- National Spectrum Management – Feb 2006
- IPv6 Services, Addressing and Routing, Quality and Network Management, Security Problems, Network Convergence and Marketing Trends – Jan 2006

CompTIA:

- Security+ - Sep 2008

Professional experience

Dates

March 2008 – present

Occupation or position held	Technical Director
Main responsibilities	Project management, team lead, budget and resource planning, marketing and pre-sales support, lead design, implementation and support role for various customers' networks, senior technical consultant & instructor
Name of employer	Bulgarian Association for New Technologies
Type of business or sector	System integration, consulting, trainings, network optimization, auditing, Cisco Premier Partner, Cisco Network Academy
Projects	InterAmerican – L2/L3 infrastructure re-design, network optimization, IPSec VPN services deployment, network management tools integration, Cisco 2821 routers, Catalyst 2960/3750 switches and ASA 5510 firewalls configuration and support Logicom Cisco SMB routers training (lab setup, presentation leader) – Cisco 851/861/871/881 and SR520 routers configuration Teletek – Cisco ASA5510 configuration & support, L2/L3 + IPSec VPN design and integration with NetBSD systems Logicom Wireless Workshop (lab setup) – Cisco wireless products overview & implementation Logicom Security Workshop (lab setup, presentation leader) – IPSec and SSL VPN implementation on Cisco routers & firewalls Komatek – Cisco 1841 and 871 IPSec site-to-site and remote access VPN solution design with tunnel failover customization, implementation and support, QoS and security policies implementation

Dates

March 2007 – March 2008

Occupation or position held	Senior Network Engineer
Main responsibilities	Core packet network planning – IP infrastructure, Security, Softswitch, IMS
Name of employer	MobilTel Bulgaria
Type of business or sector	Service Provider
Projects	NetCentrex Softswitch (service, security, IP infrastructure, QoS, management, provisioning and billing design and implementation) – senior network designer Cisco PGW2200 (service, security, QoS, IP infrastructure and management design) – senior network designer NextOne SBC (vendor selection, service, security, QoS, IP infrastructure and management design) – senior technical expert Voice CPEs for fixed-line VoIP services (vendor selection, management, security and provisioning design, project management) – senior technical expert and project manager IP Centrex on IMS (Mobilkom Austria Group Project – vendor selection, solution design) – senior technical expert MGC/MGW for IMS (Mobilkom Austria Group Project – vendor selection, solution design) – senior technical expert Fixed-Mobile VPN (solution design, project management) – senior technical expert and project manager

Dates

July 2005 – March 2007

Occupation or position held	Network/Security/VoIP engineer
Main responsibilities	Design, integration and troubleshooting of IP networks, VoIP systems and security solutions, assisting the sales department for designing customer solutions and preparing for auctions, providing trainings to both technical and non-technical staff on network technologies, planning projects together with project managers and coordinating project activities
Name of employer	Lirex BS
Type of business or sector	System integrator (Cisco Gold Partner), ISP, hardware reseller, consulting services, professional trainings, IT auditing

Projects	<p>MobilTel – NetCentrex softswitch and PGW2200 integration, core L2/L3 network design and implementation, Catalyst 3550/3750 switches & PIX 515E integration; QoS design and implementation; Cisco 79xx IP Phones and ATA186, SwissVoice IP10s and IP20s IP Phones, AudioCodes MP10x installation and configuration</p> <p>TransTelecom – NetCentrex softswitch and PGW2200 integration, core L2/L3 network design and implementation, QoS design and implementation; NeoXBC integration; Cisco 79xx IP Phones and ATA188, SwissVoice IP20s IP Phones, AudioCodes MP20x installation and configuration</p> <p>Kamor Auto – Catalyst 3550, 3560, 3750 & PIX515E integration, L2/L3 network design and optimization, security policy implementation, QoS design and deployment, IPSec VPN and WebVPN design and deployment</p> <p>Cisco Labs Audit preparation – Design and deployment of Inter-AS MPLS L2 and L3 VPNs, Multicast VPNs, MPLS TE and CsC</p> <p>Bulgarian Academy of Sciences – Computation cluster design for the Institute for Parallel Processing, PIX515E, Catalyst 3750 and 6506 switches integration</p> <p>Bulgargaz VoIP – upgrade of Cisco CallManager 4.1</p> <p>ITCE – GSM Gateway integration</p> <p>Virtual Events – L2/L3 network design, Cisco 1841 routers and Catalyst 3750 switches installation, security policy implementation, QoS design and deployment</p> <p>DFZ – L2/L3 & security network design - Cisco ASA5520, Cisco 7200 routers, 3750 and 6506 switches and Cisco LMS installation, QoS design and deployment, IPSec VPN design and deployment</p> <p>Parsons – L2/L3 network & security design and implementation, 2801 routers and 3750 switches installation, SLA monitoring, QoS design and deployment</p> <p>Lukoil Neftohim – RadWin WinLink 1000 Wireless Access point installation and configuration, Catalyst 3750 installation and network design, security policies implementation</p> <p>Lirex office network – design, installation and troubleshooting of Cisco 2821 routers, 3750, 3560 and 3550 switches, ASA and PIX firewalls, Cisco VPN Concentrator, HP & Dell switches, MRTG, QoS, IPSec and SSL VPN design and deployment</p> <p>NMCC – VoIP, switching and routing design, SLA monitoring, VPNs, Catalyst 3750 switches and 2811 routers integration, QoS and security design and deployment</p> <p>Peugeot – Catalyst 4503 installation and configuration, NetFlow monitoring, network security design and implementation</p>
Dates	February 2005 – July 2005
Occupation or position held	System Engineer
Main responsibilities	System administration (Linux, UNIX, Win 2003 servers, Win XP and Lotus Domino mail server administration), L2/L3 network and structured cabling systems design & integration, Barracuda spam gateway & RADIUS administration, customer support
Name of employer	Elsys
Type of business or sector	IBM Business Partner, ISP, hosting services, network and structured cabling systems design and integration
Dates	February 2004 – September 2004
Occupation or position held	Customer Support & Marketing Specialist
Main responsibilities	Customer assistance, software testing, website content gathering, company web site organization, search engine optimization, execution of Internet-based marketing research and analysis, collection and qualitative and quantitative analysis of client feedback, data mining and preparation of marketing reports
Name of employer	DotCom Marketing / Miami Poker
Type of business or sector	Internet Marketing / Online gaming
Dates	July 2003 – February 2004
Occupation or position held	Customer Support Engineer
Main responsibilities	Customer assistance, resolving hosting, domain, dial-up, ISDN and remote access issues, fixing HTML code and scripts, communications with the sales team, web designers and 3 rd level support in a multinational environment
Name of employer	APlus
Type of business or sector	Hosting and Internet services, domains, dedicated servers, virtual private servers
Dates	July 2002 – July 2003
Occupation or position held	Customer & Workstation Support
Main responsibilities	Software installation and hardware management, network troubleshooting, client assistance
Name of employer	Matrix 4
Type of business or sector	Computer club
Dates	February 2002 – current
Occupation or position held	Network Consultant

Projects IT Consulting – Design, deployment and support of Internet POPs, BGP, OSPF, MPLS VPNs and MPLS Traffic Engineering with GSR 12012 and 7206VXR routers, Catalyst 6506, 3750 and 3560 switches, security and VPN design, implementation and support with ASA 5520 and 5510 firewalls
[ProNextExpert](#) – consulting company's customer [Cetus Solutions](#) about G.SHDSL-based VPN solution design and configuration on 3COM 3034 routers
[NBU](#) – network lab design & setup, tasks preparation for university courses in switching & routing with ZTE devices
SDM – ASA 5505 VPN design and integration, QoS and SLA monitoring implementation, RADIUS implementation
MDL – Cisco 1812 router configuration and support, wireless network deployment, security policies implementation, QoS policies design and implementation, IPSec VPN design and implementation
[ABCro](#) – Cisco 1812 and 2811 routers configuration and support, L2/L3 and VPN design, configuration and integration with Active Directory via RADIUS, NetFlow monitoring system implementation, QoS policies design and implementation, IOS Firewall and IPS implementation, SLA monitoring implementation
Darrko – ASA 5505, Catalyst 2960 and Roline firewall configuration and support, QoS and switch security policies design & implementation, SLA monitoring implementation, L2/L3 and IPSec VPN and WebVPN design and deployment
[Lozenec LAN](#) - L2/L3 network design, security policy implementation, QoS design and implementation, configuration and support of Cisco 2801 routers, Cisco 2950 switches and Linksys APs

Main responsibilities Consulting, designing, deploying and supporting small and medium size enterprise networks

Name of employer Self-employed

Dates *June 1998 – September 1998; June 1999 – September 1999; June 2000 – September 2000*

Occupation or position held Junior System Engineer

Main responsibilities SCS integration, software and hardware deployment, assembling workstations and servers

Name of employer Compteam

Type of business or sector IT services, system and structured cabling systems integration

Education and training **University education:**

Dates *2007 – 2008*

Title of qualification Master of Engineering (First-Class Honours)

Principal subjects covered Telecommunication systems and technologies

Name of institution [New Bulgarian University](#)

Level in national classification MEng

Dates *2003 - 2007*

Title of qualification Bachelor of Engineering (First-Class Honours)

Principal subjects covered Telecommunication systems and technologies

Name of institution [New Bulgarian University](#)

Level in national classification BEng

Dates *1998 – 2003*

Title of qualification High school diploma (First-Class Honours)

Principal subjects covered English and natural sciences

Name of institution First English Language School (Sofia)

Scholarships and recognitions

- CCNP Scholarship Awarded by Lirex BG company in 2005
- University education scholarship awarded by Germanos in 2006
- Honoured member of the top 100 students of New Bulgarian University – 2007
- National Seminar for System Administrators ([SAITC](#) & [APIS](#), 10th October 2008)
- CCIE Routing & Switching Bootcamp ([Cisco](#), 10th – 13th September 2007)
- Mobile softswitch, NGN architecture, IMS core elements ([Ericsson](#), 11th – 12th July 2007)
- IMS Architecture Details & Advanced System Engineering ([INACON](#), 28th – 30th March 2007)
- Fixed-Mobile Convergence ([NetCentrex](#), 20th March 2007)
- NetCentrex SoftSwitch Platform ([NetCentrex](#), 20th – 21st December 2006)
- ATM, SDH, WDM, Frame Relay ([Lirex](#), 15th – 16th December 2006)
- Application Performance & Network Analysis Workshop ([Fluke Networks](#), 28th May 2004)
- CCNA and CCNP courses (Cisco academies at NBU and University of Sofia, 2003-2005)

Professional education

Personal skills and competences

Mother language(s) **Bulgarian**

Self-assessment

European level

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user

German	B2	Independent user	C1	Proficient user	A2	Basic user	A2	Basic user	C1	Proficient user
Social skills and competences	<ul style="list-style-type: none"> • Experience in various environments - from customer support to system integration, consulting, and trainings • Team player with good communication and inter-personal skills gained in college and developed further during the work placement due to constant contact with clients, sales representatives and engineers • Self-disciplined, friendly, easily adaptable and cooperative in group initiatives 									
Organisational skills and competences	<ul style="list-style-type: none"> • I am responsible for the organization and execution of technical implementations of various projects • Coordinating team work in college resulting in excellent grades and skills applied in further jobs • Ability to prioritize in multi-task environment; accept responsibility • Participating in the development of new network architectures and effectively meeting deadlines 									
Driving license	Yes (since 2003), valid and clean, B category									
Additional information	<p>PERSONAL INTERESTS</p> <p>I adore listening to music. Also enjoy travelling and experiencing different cultures.</p> <p>LEISURE ACTIVITIES</p> <p>I like going out with friends, hiking, mountaineering, fishing, playing football, swimming, going to the theatre and concerts, reading books and watching movies.</p> <p>SUPPLEMENTARY INFO</p> <p>Personal interest in studying and exploring different languages and cultures, reading crime books, watching old movies.</p> <p>Key skills gained with the help of my hobbies are ambition and willingness to learn more, enthusiasm and ability to contribute with my knowledge.</p>									