

Babak Farrokhi

Professional Curriculum Vitae

Objective

Looking for a position utilizing a strong background in UNIX system administration, Telecommunication, Information Security and Network Engineering, where I am able to further develop my skills by being encouraged and challenged in my work – continuous learning and professional growth.

Career Highlights

- Author of “Network Administration with FreeBSD 7” (PACKT Publishing, 2008) – ISBN 1847192645
- Involved in setting up the first private Internet Service Provider in IRAN (1996)
- Developed and deployed the first private Internet Service Provider in IRAQ (2002-2003)
- CTO of a successful broadband internet startup, in charge of design, planning and development
- More than a decade of experience in Service Provider business
- Completely familiar with Service Provider business model
- Conducted several training courses on Unix operating systems including Solaris and BSD systems
- Involved in National broadband access network design and implementation for more than 4 years
- Familiar with cutting edge hardware, software and technologies related to service provider business
- Designed and managed technical plan of nation-wide enterprise L2 MPLS based Secure VPN
- Active member of FreeBSD development community (ports) since 2004

Skill Highlights

- Expert in different areas of IP networking, including Routing, Switching, VPN and Security
- Expert in VoIP including various protocols (SIP, H.323, IAX) and various PBX and Carrier solutions
- Expert in Cyber Security analysis, Incident Response and Digital Forensics
- Expert system administrator on different platforms, including **Sun Solaris**, **BSD Unix**, Linux, Microsoft Windows NT/2K/2K3 and OS/2
- Expert in different broadband access technologies, including DSL, FWA, and Metro Ethernet
- Familiar with Mobile IP network core including WiMax, 3G and LTE
- Familiar with software development on multiple platforms and major programming and scripting languages

Courses

- RIPE NCC Local Internet Registry Course – 2004
- RIPE NCC Routing Registry Course – 2004
- RIPE NCC LIR Update – 2007
- RIPE NCC DNS Security Course – 2007
- Strategic Management – Amirkabir University – 2005
- Juniper Networks' INSG Course – 2007
- RIPE NCC IPv6 Training Course – 2010

Work Experience

CTO / Co-Founder – Imen Pardis Technologies (2010 – Now)

- Conducted several training courses including BSDA, BSDP, TCP/IP Network Analysis and CEH
- Provided InfoSec consulting service to several major customers
- Provided OpenSource consulting service to several major customers
- Provided various Network Security Appliances
- Designed and Implemented application-specific embedded security appliance

Chief Technical Officer – TSTOnline (2010 – 2011)

Chief Operations Officer – Bistalk Communications (2010 – 2011)

- Managed a sophisticated international IP based telephony operator
- Created valued added services over VoIP networks
- Managed the Local Internet Registry with RIPE NCC (ir.tstonline)

Chief Technical Officer – DATAK Group of Companies (2006 – 2010)

- Redesigned and Managed a complex multi-vendor metro area network which utilizes different WAN technologies and access methods (FWA, MWA, xDSL, Metro Ethernet and WiMax)
- Designed and Implemented Residential VoIP services as value-added for broadband access customers
- Designed and Developed captive-portal based public WiFi access service
- Managed the Local Internet Registry with RIPE NCC (ir.datak)
- Deployed IP address management methodology and tools to manage up to 64,000 IP addresses for more than 20,000 broadband customers as well as Service Provider's network infrastructure
- Designed and Deployed broadband access termination (PPPoE and L2TP)

using Juniper gear

- Developed a captive portal solution for metro public internet access
- Developed several pieces of software in C and Perl in FreeBSD, Linux and Mac OS X

Ports Committer – FreeBSD Project (2006 – Present)

- Ported various open-source software to FreeBSD
- Maintaining ~80 ports under FreeBSD's ports tree, taking care of updates and security patches

Chief Technical Officer – Arya Rasana / SHATEL (2004 – 2006)

- Managed a team of about 30 staff in different technical areas
- Designed and Implemented Internet and VoIP services using Cisco equipment
- Designed and managed to implement national ADSL Broadband network (20,000 broadband ports)
- Designed general purpose Datacenter for broadband aggregation and well as application services
- Developed plan for Iranian Internet Exchange point
- Managed the Local Internet Registry with RIPE NCC (ir.shatel)

Regional Technical Manager – SkyWay Net GmbH (2004)

- Worked as local technical representative
- Provided network consulting services
- Managed the Local Internet Registry with RIPE NCC (de.skyway)

Senior Network Engineer – DATAK GmbH (2000 – 2004)

- Deployed country-wide IP-over-Satellite network

- Designed and Implemented Internet and VoIP services using Cisco equipment
- Deployed high capacity VoIP carrier network using Cisco equipment
- Deployed traffic management and QoS
- Deployed security in enterprise network
- Managed to become one of the biggest Internet Registries in the region
- Administered one of the major ISP/ICPs in IRAN
- Involved in implementing national ADSL network
- Managed a IP/DVB based VSAT hub

Founder / Director of Network Services – Planet Networks (2000 – 2001)

- Deployed typical ISP services
- Conducted Solaris System Administration courses
- Developed ISP billing solution for small service providers

Technical Manager – Apadana Institute (1997 – 2000)

- Developed several web based CGI applications
- Developed site specific billing solutions
- Developed a full-featured mail server in Windows NT
- Designed and Implemented ISP services on Windows NT
- Implemented intelligent web content filtering solution for Microsoft Proxy server in Windows NT

Software Development Engineer – Gozineh Pardaz Ltd (1996 – 1997)

- Developed Terminal Communication and Fax application in both DOS and Windows environments
- Developed general software for internal use.

Spoken Languages

Language	Reading	Writing	Conversation
Persian / Farsi	Native	Native	Native
English	Fluent	Fluent	Fluent

Contact Information

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