

TELEMACHUS MINH LUU

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QUALIFICATIONS PROFILE

Experienced and ambitious Network Engineering Executive specialized in building scalable, robust and secure IP network infrastructures. Planned, designed, and deployed multiple headquarter offices and datacenters. Unique skill set with experience in both enterprise and internet service provider environments.

Strong understanding of business fundamentals to provide innovative and cost-saving solutions for employers and clients. Consistently follows a methodology based on 1) assessing needs, 2) gathering requirements 3) designing and testing primary and alternative solutions, 4) implementing optimal designs, and 5) ensuring 100% satisfaction of final delivery.

Current focus is on further developing product management skills with an emphasis on security and network-centric products and services. Experience launching services based on cutting edge technologies such as DDOS mitigation, carrier-grade server load balancing, carrier-grade firewalls, content delivery networks, and grid virtualization.

TECHNICAL SKILLS

Operating Systems: NT 3.51, NT 4.0, Windows 2000, Linux, FreeBSD, and Solaris

Routers: Cisco 1700, 2500, 2600, 3600, 4000, 7200, 7500, and Cisco 12000; and Foundry BigIron

Switches: Cisco 1900, 2900, 3500, 4000, 5500 + RSM, 6500 + MSFC; and Foundry FastIron

Routing Technologies: BGP, OSPF, EIGRP, RIP, HSRP, VRRP, Route redistribution

Switching Technologies: STP, VTP, 802.1q, MLS

Firewalls: Juniper Netscreen, Checkpoint, Cisco PIX/ASA, IPtables, IPchains, IPfw, RSA ACE/Server

VPN/Extranet: Checkpoint VPN-1, FreeS/WAN, uRoam FirePass, Neoteris IVE, Safeweb Tsunami

Load Balancers: F5 BigIP, Radware WSD, Cisco LocalDirector 430; and Foundry ServerIron

Intrusion Detection and Prevention: Cisco Netranger 4230, Cisco 6000 IDS Blade, and Cisco Secure Policy Manager, Riverhead Guard and Detector, NetZentry CleanTraffic

Voice over IP: Cisco Call Manager, Cisco Unity, and NetIQ VoIP Manager, MCS / ICS devices, MGCP, H.323

EDUCATION

University of California, Berkeley

Bachelor of Arts in Economics

Berkeley, CA

December 1998

Santa Clara University's Leavey School of Business

Candidate for MBA with concentration in finance

Santa Clara, CA

June 2007

CERTIFICATIONS

CCNP – Cisco Certified Network Professional

CCDP – Cisco Certified Design Professional

MCSE – Microsoft Certified Systems Engineer NT 4.0

REFERENCES AVAILABLE UPON REQUEST

EXPERIENCE

ServePath LLC

www.servepath.com

San Francisco, CA

Network Engineering Manager / Senior Architect

February 2004 - Present

- Designed and managed two fully redundant datacenter networks utilizing BGP, OSPF, and HSRP supporting over 3000 dedicated server and colocation customers
- Principal contributor of documentation and implementation of network-wide security policies and practices
- Implemented and managed Riverhead dDOS (distributed denial of service) detection and mitigation system based on BGP announcement diversion and capable of handling over 1 million packets per second attacks
- Managed public peering at PAIX Palo Alto with over 50 different service providers saving nearly \$4,000 a month in paid transit overages
- Product development functions: Technical expertise in security and internetworking technologies with the ability to translate business requirements into product requirements
 - Proposed a centralized high availability solution with MRR of over \$12,000/month
 - Proposed a centralized ddos mitigation service with MRR of over \$5,000/month
 - Proposing a centralized firewall service with forecasted MRR of \$25,000/month
- Sales engineer functions: Work closely with sales to balance market and customer requirements with technical feasibility

Epicentric, Inc.

www.epicentric.com

San Francisco, CA

Senior Network Engineer / Lead

Mar 2001 – Mar 2003

- Designed and implemented a multi-point OSPF wide-area network consisting of Cisco/Foundry routers, L2/L3 switches, and Checkpoint/Pix firewalls. Responsible for all colocation network infrastructure and security nodes. Provided 24/7 uptime to all production services using Foundry ServerIron load balancers
- Planned, designed, and managed an end-to-end Cisco AVVID VoIP solution utilizing Catalyst 6509/4006/35xx switches, Cisco 7507/7204vxx/3604 routers, Cisco vg200, MCS 7835, and ICS 7750
- Implemented a fully redundant VPN solution using Checkpoint FW-1/VPN-1 and RSA ACE Server
- Implemented a complete network monitoring system using Mrtg, Syslog, NetIQ, Netsaint, Ethereal/Sniffer/Tcpdump, Saint/Nmap, and Cisco Secure Policy Manager
- Managed the complete relocation of Epicentric's headquarters, branch offices, and colocation facility

eLine, Inc.

www.eline.com

San Francisco, CA

Network Engineer / Manager

Jan 2000 – Feb 2001

- Managed a team of 3 administrators that provided network and systems design and support for the company and its numerous clients. Lead installation engineer for all network projects
- Primary EIGRP and OSPF administrator responsible for all internal and client-side IGP and routing policy implementation
- Designed, implemented, and maintained network security devices such as Checkpoint FW-1/VPN, Cisco PIX, Ipchains, FreeS/WAN, and Microsoft Proxy
- Provided 24/7 uptime to all production services using F5 BigIP and Cisco LocalDirector 430 load balancers
- Performed quarterly budgeting, tracked monthly expenditures, created project work plans, managed project development, and maintained project billing spreadsheets

Zeus Consulting

www.zeusconsulting.net

San Francisco, CA

Independent Consultant

May 1995 – Dec 1999

- Independent consultant assisting small businesses with secure, highly available, web infrastructure design.
- Designed, implemented, and maintained Microsoft, Linux, and Cisco based servers and devices.
- Clients include: www.teteas.com, www.metrocopy.net, www.knncompany.com, www.renttech.com, etc

The Used Computer Store

www.usedcomputerstore.net

Berkeley, CA

Store Manager and Senior Technician

May 1995 – May 1999

- Responsible for the activities of 7 employees: Overlooking sales totaling over \$1.7 million dollars annually
- Assembled, configured, and repaired network-based PC-based white-box systems