
INFORMATION TECHNOLOGY PROFESSIONAL SENIOR NETWORK ENGINEER/ARCHITECT

Results oriented professional with more than 5 years of progressive experience and visible achievements in diverse business environments. Successful track record for completing multi-phase infrastructure projects that have contributed to companies' profitability and productivity. Articulate communicator, who has excellent liaison and trouble-shooting skills with end-users, coworkers, management, and customers.

CORE COMPETENCIES

- Total Control Carrier (VOIP) Platform
 - 24/7 Network Operations
 - Large -Scale Project Management
 - Network Telephone Systems
 - Customer/Client Relations
 - Internet/Web Technology
 - Network Security Protocols /VPN
 - Project Budget Administration
 - Dial-Up Connections
 - Team Leadership
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TECHNICAL SUMMARY

• Certification: Certified NetAnalyst Cross-Technology (Pine Mountain Group), 1996	
• Operating Systems: Windows 95-XP (Desktop & Server); Linux, Solaris	
• Networking Hardware: Nokia Firewall; 3Com Hardware, Cisco Routers & Switches; Ethernet Cabling	
• Protocols/Networking: TCP/IP; IPX/SPX; Appletalk; OSPF; RIP; RIP v2; NLSP, eIGRP	
• Office Productivity: Microsoft Office; PowerPoint, Visio	
• Graphics /Imaging: Adobe PhotoShop	• Platforms: x86 SUN
• Databases: Microsoft SQL Server	• Programming Languages: VB Script; ASP
• Network Security: Checkpoint FW-1	• Servers: MS IIS, Netscape, Apache

CAREER PROGRESSION

3COM CORPORATION (WWW.3COM.COM) – Santa Clara, California

[International designer/manufacturer of computer networking devices including: 10/100/1000 (gigabit) MBPS Ethernet equipment, network interface cards (NICs), asynchronous transfer mode (ATM) technology and fiber distributed data interface (FDDI), as well as hardware and management software. Employs 5,000 worldwide.]

Senior Network Architect – June 2002 to Present

In charge of global design and strategies for all 3Com networks (LAN, WAN, MAN, VPN, & Voice).

Senior Network Engineer/LAN Team Lead – September 1998 to June 2002

Empowered with full operational responsibility for Santa Clara Campus LAN, covering 13 buildings, 35 floors, and 25 separate LANs running TCP/IP, IPX/SPX & Appletalk and OSPF. Administer main Internet connections comprised of 2 DS-3 that are multi-homed via BGP4 (Border Gateway Protocol version 4), serving internal customers/employees. Serve as in-house expert on company's network telephone system (SuperStack 3 NBX) and total control carrier VOIP platform. Administer project budgets and review all documentation and procedures related to the network. Highly involved with IT security group performing network surveillance and forensics.

Lead team of 3 network engineers and network infrastructure specialist, managing 24X7 Santa Clara Data Center network operation, supporting employee/users of SAP, PeopleSoft, Notes & Novell. Collaborate with team members in reducing annual operating costs, through auditing/removal of obsolete data/telecom circuits and equipment, and in developing in-house technologies for network testing and deployment.

3COM CORPORATION...continued**Key Projects & Contributions:**

- **Palm Computing Integration:** Integrated Palm Computing's remote-access systems (Dial & VPN) into 3Com's systems upon relocation from Mountain View to the 3Com Santa Clara Campus.
- **Palm Computing Spin-off:** Created network design of 3Com's spin-off from Palm Computing. Collaborated with technology teams in designing and installing gigabit network in Palm's building.
- **The Planet Project:** Successfully constructed network for international polling event, consisting of 2 X DS-3, 2X1 gigabit Internet circuits, frame relay and 4x T1s, as well as 12-high-end switches and load-balanced firewalls, located at AT&T's Redwood City Data Center and 3Com's Santa Clara Data Center. Completed this \$1 million project in two months.
- **Global Radius Authentication for Remote Access:** Deployed distributed database radius system, enabling company administrators to add/delete/edit users' accounts via remote access, saving the company considerable user time and money, compared to the former centralized system.
- **Campus Backbone Modernization Project:** Directed team responsible for replacing 25 ATM switches and bridged ethernet/FDDI/ATM backbone with modern gigabit Ethernet backbone, increasing reliability of the campus network by 100%, compared to frequent downtime and six-figure losses caused by previous system.
- **San Diego Office:** Led group of engineers challenged with designing and installing 3Com's newest office (for staff of 250), which including a gigabit backbone for hi-capacity R&D integrated with CAD. Installed network-based telephone system instead of cabling, which saved the company nearly \$100,000.
- **Santa Clara Wireless Network:** Designed and installed campus-wide Santa Clara wireless network (802.11b), enabled laptop connection to the LAN, using wireless cards; this is the nation's largest and most secure wireless networks, with VPN (Virtual Private Networking) safeguarding all data with 128 bit encryption.

INREACH INTERNET COMMUNICATIONS (WWW.INREACH.COM), Stockton, California

Regional ISP servicing 20,000+ users in California; provided dial up access, email, newsgroups, web & Internet access.

Network Engineer Lead/Manager - January 1996 to July 1998

Operated 24/7 data center, which included 25-PC network and Mitel phone switch communication, supporting E-mail, newsgroups, and Web servers. Managed Internet E-mail system, comprised of Sendmail (SMTP), POP and hundreds of T-1 lines connected to dial-up access equipment. Supervised 3 engineers responsible for daily network operations. Upgraded servers with more powerful computers, according to capital equipment budget. Administered security protocols, including the firewall, to prevent unauthorized access to company's internal network. Maintained all system documentation.

Key Projects & Contributions:

- Hired as the 4th employee of this rapidly-growing start-up company, and played a significant role in leading network growth from 2,000 subscribers and 1 location to 20,000+ subscribers and 4 locations
- Credited with developing the company's T1 sales, frame relay sales, web hosting and co-location businesses.
- Integrated and deployed the company's first high bandwidth customers, using T1 lines ethernet cabling.
- Implemented bandwidth re-sale business to other ISP co-located out of CLEC's central office.
- Led the design and implementation of network for Oakland, CA POP, using US Robotics (3Com) Total Controls, Ascend (Lucent) Max 4004, and Cisco routers. Managed \$150,000 project budget.

LUCKY STORE, INC., Stockton, California

July 1994 to January 1996

Clerk

- Operated cash register and stocked shelves. Performed assorted tasks on the computer system, which included placing orders, troubleshooting cash registers, and working with management to produce reports and signs.

OAKWOOD LAKE RESORT, Manteca, California

April 1994 to July 1994

Co-Supervisor, Group Services

- Oversaw front-end operations of the group services department, which included supervising cashier staff and producing daily reports.

EDUCATION

- Diploma, Amos Alonzo Stagg High School, Stockton, California 1996
- Misc. Computer Courses, San Joaquin Delta College, Stockton, California 1996
- Certified NetAnalyst – Cross Technology, Pine Mountain Group, Santa Clara, CA 1999
- Course work related to AS in Computer Sciences, San Joaquin Delta College, Stockton, California Current