



### NETWORKING / INFRASTRUCTURE ENGINEERING MANAGER

CCIE™ Routing and Switching certified with over 20 years' experience in various computer networking environments.

**Management** – Over 11 years' experience leading teams and over 6 years' managing staff. Well seasoned in all routine supervisory matters including hiring/firing, "on-boarding," scheduling and attendance, policy compliance, setting objectives and performance appraisals.

**Consulting** – Strength in technical services and support within diverse environments ranging from multi-service, multi-vendor networking through "Wintel" desktop/laptop and client-server to mainframe and large scale data processing. Skills also include project management, needs identification, RFP response and proposal preparation, formal and ad-hoc presentation and full sales cycle support.

**Design / Analysis** – Core competencies in networking architectures and routing and switching, with additional experience in related technologies including telecommunications, web and related content development and delivery, security, wireless networking, server and desktop OS, network management tools and IP telephony. Also versed in other infrastructure technologies related to software development, database design and administration and client-server and centralized (mainframe) computing.

### INDUSTRY CERTIFICATIONS

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CCIE™ (Cisco Certified Internetwork Expert – Routing/Switching) No. 2514  
Cisco CIP (Channel Interface Processor) Certification

since Feb. 1997  
Oct. 1997

### PROFESSIONAL EXPERIENCE

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Alliant Technologies LLC, Morristown, NJ

Nov. 2007 – present

#### **Network Engineer**

Various customer facing consultative network engineering projects:

- Network Engineer for 250+ site frame relay to MPLS migration for regional retailer - configuration and deployment, field technician support, project management, customer relationship management
- Lead Network Engineer for 12+ international MPLS WAN with Cisco WAAS, top-down Quality of Service (QoS) implementation, multi-site Internet access
- Lead Network Engineer for multi-homed ISP Internet (BGP) deployments
- Lead Network Engineer for complete network architecture (LAN, MAN and WAN) re-design
- VPN deployments
- Cisco PIX to ASA migrations
- Wireless LAN deployments
- Network assessments

Pre-sales and post-sales support, project management.

Self-employed, dba Excellent Creations

Jan. 2005 – present

#### **Creative Services Consultant**

Provided consultative creative services around audio recording and editing, live sound reinforcement, CD production and duplicating, music performance and production, desktop publishing, typesetting, typography, and web and print media development and production.

Dimension Data, New York, NY

Sep. 2003 – Nov. 2004 (RIF)

#### **Managing Consultant**

Performed day-to-day management and scheduling of technical engineering staff, post-sales project management and support, pre-sales support, account planning, consultative technical engineering services. Helped improve customer satisfaction scores from 4.5 to record setting 4.8/ 5.0, and drove staff morale to new high levels while increasing staff productivity and compliance to policy and practice standards. Member of national award-winning sales team and sole technical leader for all global accounts (and others) based in North America. Responsible for technical and financial project success, customer satisfaction and vendor/partner relations and management.

Self-employed

Dec. 2002 – Aug. 2003

**Senior Networking Consultant**

Provided consultative technical engineering services for a national charitable foundation under a 6-month contract related to network security (PIX migration from BorderManager-based firewall solution), remote access through virtual private networking (VPN), installation of a content networking solution and IOS / CatalystOS selection, testing and support.

Provided network operations and engineering services under a 3-month contract for an international pharmaceutical company. Day-to-day support of 400+ router international WAN and regional LAN/MAN environment. Led design effort to increase security of out-of-band access to internetworking devices and participated in a team tasked with disaster recovery planning and testing.

AlphaNet Solutions, Inc., Cedar Knolls, NJ

Sep. 2000 – Jun. 2002 (RIF)

**Principal Consultant** (2002)**Systems Architect** (2000–2001)

Provided consultative technical engineering services to medium and large business clients, sales support, business development and technical team leadership. Highlights include: conducted a router configuration audit on 300+ routers for a large data processing firm; planned a comprehensive infrastructure assessment for an international pharmaceutical company; provided ongoing design, configuration and other support services for a 600+ site regional banking corporation in the context of a merger; helped to define and launch a new consultative services department within AlphaNet; played lead role in AlphaNet's achievement of Cisco Silver Certified Partner status; and, acted as key liaison for the company within Cisco's Channel Partner program.

IBM Global Services, Cranford, NJ

Apr. 2000 – Aug. 2000

**Consulting I/T Architect**

Provided technical engineering services to enterprise clients. Highlights include: participated in a team responsible for a multi-site new technology deployment for a nationwide education provider, including ground-up development of IP architecture (renumbering planning and address allocation, DNS naming, site planning, procedures development, equipment recommendations, configuration and installation, etc.); and, planned the relocation of all centralized server resources for a major international bank, including server consolidation, rack planning, power and environmental planning.

Bear, Stearns and Co. Inc., Whippany, NJ

Jun. 1999 – Mar. 2000

**Vice President (Network Operations Shift Manager)**

Assisted in ramping up Cisco technology expertise in Operations and Engineering departments which were previously Nortel technology-based, provided technical leadership in troubleshooting highly redundant worldwide data network, managed trading shift of Network Operations and co-managed all other shifts (total of 23 staff + 9 consultants), and provided planning and technical support during Y2K preparation.

Netera, Parsippany, NJ

Oct. 1996 – Jun. 1999

**Senior Network Engineer**

Provided consultative technical engineering services to medium and large business clients, sales support and technical team leadership. Highlights include: performed design and third level technical support services for a 14 month contract in a large, diverse, international networking environment; established ground-up network connectivity for an internet publishing start-up; led teams of 3-10 engineers and performed project management for overlapping, mixed discipline projects; and, played lead role in Netera's achievement of Cisco Silver Certified Partner status. Participated in President's Technical Advisory Council from its inception, and elected as "Network Wizard" by management – only engineer to be so recognized.

Corporate Express, Whippany, NJ

Feb. 1996 – Oct. 1996

**Systems Engineer**

Supported all regional data communications infrastructure, involving mixed AS/400, PC/server and mainframe environments. Designed and developed several database applications in MS Access, providing sales force automation functions (sales budgeting and reporting, activity tracking, prospect management) and performed ongoing technical support for sales force. Also installed corporate PC software solutions in customer environments, allowing for increased sales and decreased cost per order.

The Prudential Insurance Company of America, Roseland, NJ Apr. 1988 – Feb. 1996

**LAN Analyst** (1994–1996)  
**Programming Analyst** (1990–1994)  
**Asst. Programming Analyst** (1989–1990)  
**Programmer** (1988–1989)

Supported 1.2+ TB MVS DASD complex. Created JCL and REXX scripts to completely automate most job functions and eliminated the need for one human operator. Also developed a DASD usage projection system to simplify DASD inventory management. Pioneered use of several technologies within environment, including IBM 3990/3390, HDS 7890, STK silos and DMS/OS management software.

Transferred to networking department and took lead of all SNA network-related issues for 27 VTAM hosts (VM and MVS) and 117 NCP subareas. Solely supported several systems enterprise-wide, including Relay/3270, X.25 NPSI, NTO and EP. Primary manager of 50,000+ terminal SNA worldwide network and 9,000+ user dial-in environment. Provided documentation and training to other departments. Co-developed a sales agent automation dial-in application.

Transferred to telecommunications department and lead design and support efforts for then emerging network technologies around 200+ router infrastructure supporting TCP/IP, NetBIOS/NetBEUI, Novell NetWare, AppleTalk, DECnet and SNA.

Training “U” For Fitness (T.U.F.F.), Millburn, NJ May 1994 – Oct. 1995

**Business Manager**

Co-owned and managed all business affairs for personal fitness training services firm. Did all accounting, including tax reporting, general ledger, payroll, A/P and A/R, etc. Involved in sales, purchasing and all other aspects of the small business firm.

## EDUCATION AND TRAINING

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### Management Training

“Let’s Get Real or Let’s Not Play,” “Winning Management Strategies for the Real World,” “In Search of Excellence,” “Becoming One Voice,” Quality, Managing Diversity, Project Management, Technical Writing, Time Management

### Technical Training

- Cisco coursework: VPN3000-series Virtual Private Network Concentrator Configuration and Installation, MC3810 Multiservice Concentrator Configuration and Monitoring, Internetwork Troubleshooting, Internetwork Design, Router Configuration (both Introduction and Advanced courses)
- Nortel coursework: Centillion Switching v3, Advanced IP Routing
- IBM SNA coursework: APPN (Advanced Peer to Peer Networking) Introduction, APPC (Advanced Program to Program Communications), LU Data Flow, SNI (SNA Network Integration), NCL (Network Control Language), Applied VTAM (Virtual Telecommunications Access Method)
- UNIX Introduction

B.S.E.E. (Bachelor’s of Science in Electrical Engineering) Jun. 1987  
 The Pennsylvania State University, State College, PA  
 Focus on computer programming, architecture and systems design.

## AFFILIATIONS

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Summit Chorale, Inc.: Member Sep. 1994 – Present  
 Webmaster and Postmaster Apr. 1996 – Present  
 Trustee Feb. 1995 – Feb. 2000

Internet Engineering Task Force (IETF): Member Mar. 1998 – Jun. 2002  
 IP Next Generation (ipngwg) Working Group  
 Next Generation Transition (ngtrans) Working Group

Internet Society (ISOC) International: Member Mar. 1998 – Feb. 2000

Internet Society, New Jersey Chapter (ISOC-NJ): Charter Member Apr. 1999 – Mar. 2001