

*CONFIDENTIALITY REQUESTED AND APPRECIATED*

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**NETWORK LAN / WAN ENGINEER**

**PROJECT MANAGEMENT ~ SYSTEMS ANALYSIS, DESIGN & DEVELOPMENT**  
**ENTERPRISE RESOURCE PLANNING ~ COMPUTER/TELECOMMUNICATIONS INTERFACE**

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- Experienced Network Engineer with over eight years experience building, enhancing, and managing both global networks and citywide campus networks for the world's leading entertainment companies.
  - Built new sites on the Time Warner and Warner Bros. global network, working extensively with Cisco routers, firewalls, and switches.
  - Upgraded Warner Music Group's local area New York networks, including all systems supporting the CEO and senior executives.
  - Extensive experience troubleshooting complex network problems in crisis situations.
  - Excellent project manager who has successfully led several across-the-board network enhancement initiatives.
  - Masters Degree in Telecommunications.
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**ADDITIONAL KEY AREAS OF EXPERTISE**

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Client Relationships  
Training & Development  
Mentor to Junior Staff / Instructor

Technical Writing  
Troubleshooting  
Data Security

Technical Support  
Vendor Relationships  
Information Systems Upgrade

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**EMPLOYMENT BACKGROUND / TRANSFERABLE ACCOMPLISHMENTS**

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WARNER MUSIC GROUP - New York, New York

2006 - Present

*The world's largest and most successful independent music company.*

**Network Engineer**

Responsible for continually developing, implementing, and documenting network infrastructure across Warner Music's entire New York City campus; provide technical and design support to all other IT groups, such as Telecom Services, NT Services, VIP Services, Desktop, etc; on-call escalation point for LAN and WAN outages; internal contact point between Warner Music and Verizon (Managed Service Provider) and other IT vendors; technical lead for evaluating new network technologies; supervisor and mentor to intern staff.

- Implemented LAN cabling upgrade to a 100% Cat 6 environment.
- Responsible for continuous redevelopment and redeployment of network infrastructure to anticipate and support rapidly changing business needs.
- Redesigned and implemented core network upgrade; split joint core and server farm switch into a separate and robust hierarchical infrastructure. Project done by reutilizing existing materials for cost effectiveness; project completed one month before schedule.
- Developed and executed plan for recabling Warner Music's senior executive LAN with 0% interruption or downtime to these users.
- Designed and supervised the fiber optic upgrade of Warner Music's biggest data center. Project completed before deadline, under budget, and built as per clients' request.
- Lead WAN Capacity Planning initiative. Designed and built a WAN Simulation Lab; lead team to evaluate network capabilities, prod

WARNER BROS. ENTERTAINMENT, INC. – Burbank, California

2005 – 2006

*One of the largest movie and television studios in the world.*

**Senior Network Analyst**

Project Manager for WAN projects; responsible for developing project strategy/project plans; assign and supervise internal and external resources; order equipment/telecom services; design network configuration; work

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**EMPLOYMENT BACKGROUND / TRANSFERABLE ACCOMPLISHMENTS (Continued)**

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**WARNER BROS. (Continued)**

with change management officer to ensure enterprise-wide system integrity and oversee implementation; supervise follow-up and testing; complete after-project documentation; mentored junior engineers for technical skill-building.

- Redesigned the configuration of the two most high-profile network devices at Warner Bros. and implemented the design without any significant downtime while they were still live on the network.
- Led the initiative to completely refresh Warner Bros. global network, ensuring that no obsolete software or hardware will be in place until at least 2008.
- Oversaw management turnover of the network to MCI Managed Services in just two months.

TIME WARNER, INC. – New York, New York

1999 – 2005

*The world's largest and most successful media firm.*

**Network Engineer**

Shared Services Engineering Team member responsible for the WAN networking of two Time Warner divisions, Warner Bros and Warner Music Group. Responsibilities included providing engineering services, designing new network sites, configuring new devices, supervising the installation of the new equipment, testing the new site, turning the new site over to Network Operations for monitoring, providing all after-project documentation, and on-call Tier III emergency 24/7 troubleshooting support; Instructor for CCNA Academy

- Succeeded in migrating a server farm critical to the monitoring of our WAN without any loss of management visibility.
- Designed and implemented a dedicated network site, ahead of schedule and under budget, to guarantee Warner Bros. critical financial application never went down.
- Designed and implemented a faster, more flexible, and easier-to-administrate network DMZ allowing third-party companies to safely connect to Warner Bros. eliminating the old connection infrastructure and realizing immediate cost savings.
- Analyzed a difficult network latency problem by thinking outside-the-box; to solve the issue, implemented an extensive redesign of the London office's external network.
- Implemented a new and efficient network for Warner Music Nashville, allowing them to transfer digital files to the manufacturer for the first time without any loss of network service.
- Quickly solved a major and difficult-to-analyze Internet problem by correctly diagnosing the symptoms and implementing a PAT pool on the Internet firewalls as a timely and efficient configuration solution.
- Re-engineered the Time Warner Italy network so that Warner Music offices could be removed with no impact on other users on time using existing equipment with a zero net cost.
- Dramatically improved bandwidth capacity and network reliability in London by redesigning the network and Internet connections.

SOFTWARE ENGINEERING INSTITUTE – Pittsburgh, Pennsylvania

1998 – 1999

*An internationally renowned non-profit research group under Carnegie Mellon University, SEI specializes in computer security. The Computer Emergency Response Team (CERT) is based in the SEI with its largest client being the Department of Defense.*

**Intern**

Responsible for programming in Solaris/UNIX, PERL, and C++.

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**EDUCATION**

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Masters in Telecommunication (concentration was computer networking), University of Pittsburgh, School of Information Science, Pittsburgh, Pennsylvania

**BA**, (double major in History and Music), University of Pittsburgh, Pittsburgh, Pennsylvania

**CERTIFICATIONS**

CCNA (640-801)

**TECHNICAL PROFICIENCY**

**Software:** IBM PC; Microsoft Windows Office: Word, Excel, PowerPoint, Outlook; Network Tools Software: Juniper Global Pro; Concord, CiscoWorks, SolarWinds (Engineers' Edition), HP Openview, PC Anywhere, Snoop, Sniffers, NetPhysics, Finisar Network Sniffers, and Packet Monster

**Hardware:** Cisco Routers 7600, 7500, 7400, 7200, 3800, 3600, 2800, and 2600 series; Cisco 4500s, 2500s, and 1000s; Cisco 800s and 1800s; Cisco Catalyst 5500, 5000, 3750, 2900 series switches; Catalyst 6500s series switches (IOS, CatOS, and hybrid); Foundry FastIron I & II series switches; CSU/DSUs, Finisar Network Sniffers, Fluke Cable Meters, Solaris Sun Servers, Sun Ultra Servers

**Operating Systems:** Windows (98, NT, 2000, XP, Vista); Macintosh OS; Red Hat, Solaris, UNIX

**Networks:** Local Area Networks: Ethernet LANs (10/100/1000Base-T), special Ethernet features (Etherchanneling, VLAN management, STP, PVST, VOIP support) Wide Area Networks: T1; T3 and DS3 Links; MPLS, MetroLAN, and GigaMAN Links; Frame Relay; ISDN Links

**Network Security:** Cisco PIX Firewalls, PIX 515, 525, and 535 series; "PIX Classic" boxes; Juniper Netscreen 500, 200, 100, and 5 series; Checkpoint Firewall-1 (firewall product and software client); VPN Tunneling; IPSEC and GRE Tunneling, VPN protocols; security event monitoring/auditing; DMZ architecture designs; authentication and authorization protocols; TACACS (Cisco Secure ACS)

**Network Protocols:** TCP/IP; Routing Protocols; RIP I & II; EIGRP; BGP; OSPF; Appletalk; Novel IPX; DNS; SNMP

**Programming Languages:** C and C++; PERL / UNIX Programming; basic HTML