

# Kevin M. Bowen

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A technology leader with over 15 years' experience in billion dollar enterprises to medium size businesses in the data networking industry. Tremendous expertise in bridging communication gaps between Network, Application, and Server towers. Experienced in leading and managing a global staff. Strong communication skills with the adaptability required to discuss and explain complex technical designs with of all levels within an organization. A proven track record solving IT issues in a cost and time efficient manner. Passionate about Software Defined Networking (SDN) to promote automation, orchestration, and the Next Generation networking.

## EXPERIENCE

### Network Manager/Architect Capgemini – Marlborough, MA

2011 – Present

As Network Manager/Architect, oversees and executes IT strategies and integration for a consulting and outsourcing services company with worldwide Fortune 100 clients

- Championed multiple designs which lead to enhanced business productivity and cost savings
- Perform pre-sales meetings with clients to formulate solution and business requirements
- Architect scalable solutions and present proposals to clients and prospects
- Designing hybrid cloud solutions within AWS, Azure, and Corporate Landscapes.
- Architect and Design multi-tenant Cloud infrastructures
- Chief Architect assigned to high profile engagements
- Point Network and Cloud Security Architect
- Developed Datacenter relocation framework with forward thinking architectural building blocks
- Lead up to five onshore and five off shore direct reports
- Hire and train new network engineers based on company policies and procedures
- Formulate and establish corporate SOPs and policies
- Enforce SSAE16 SOC2 audit requirements and procedures

### Lead Senior Network Engineer Capgemini – Marlborough, MA

2007 – 2011

As Lead Network Engineer, was responsible for the architecture, deployment, and maintenance of client infrastructures for a consulting and outsourcing services company with worldwide Fortune 100 clients

- Managed multiple (Tier3) datacenter Networks with a key focus on Virtualization and Cloud (private, public and hybrid)
- Supported over 100 client networks with full IT Outsourcing services including WAN, LAN, Security, Wireless and production solutions
- Point of contact for critical SEV1 type technical situations for both client and internal teams
- Primary technical advisor that attended trainings on behalf of the company to keep current with industry trends; Introduced and led internal/external trainings after deploying new technologies
- Designed and deployed the following: fully redundant networks with streamlined throughput and performance, secure network environments that meet PCI compliance, and WIFI solutions with centralized controllers and BYOD service integration
- Led and performed quarterly maintenance upgrades and infrastructure improvements
- Established and created a repository of documents for clients and internal teams including Visio diagrams, how-tos, inventory spreadsheets, etc.

### Technology Exposure

802.1ad  
802.1q  
802.1x  
ARP  
ATM  
BGP  
CDP  
Cisco ACI  
Cisco Stackwise  
DHCP  
DiffServ  
DNS  
EIGRP  
Etherchannels  
EVPN VXLAN  
Fabric-Path  
G.7xx Codec  
GLBP  
GRE  
H.225  
H.248  
H.323  
HDLC  
HSRP  
HTTP(s)  
IaaS, SaaS, PaaS  
ICMP  
IKE  
IMAP(4)  
IP  
IPsec  
IPv6  
IPX  
ISAKMP  
iSCSI  
ISDN  
ISL  
L2TP  
LACP  
LDAP  
MPLS VPN  
NAT  
NetBios  
Netflow  
Nexus VDCs  
Nexus vPCs  
NFS  
NSX  
NTP  
OSPF  
OTV

Hardware/Software including Cisco Nexus 9k, 7k, 5k, 2k, 1000v, 6500, 4500, 3750, 3560, and 2960 switches. ASR, CSR, 7200, 3x00, 2x00, 1x00, 8x0 series routers. ASA, ASAv, ASA-SM, FWSM, & Fortigate firewalls. F5, Barracuda, Citrix Netscaler, & Cisco loadbalancers. Silverpeak & Riverbed WAN Accelerators. Juniper qfx10000, qfx5100, SRX, MX240s. IDSM & NAM. Solarwinds Orion. CA Netqos, Spectrum. Cisco WLC, ISE, MSE, & Prime Infrastructure. VMware ESX, NSX, vCNS, vCD, vCAC, vCOPs, vSAN.

## Senior Network Engineer

2003 – 2007

TriNET Systems, Inc. – Westwood, MA

As Sr. Network Engineer, provided an extremely strong networking sense & ability to not only design, but implement, & maintain today's IP networks that are converged in with Data, Voice, & Video. Conduct network training on high & low levels that include; essential practices, monitoring, troubleshooting, maintenance that ensure business ROI.

- Travelled to client sites to analyze network environment and lead execution on improvements
- Data Networking and Security implementations across a wide range of products and services.
- VOIP & Converged network solution implementations & support
- QOS deployment including priority queuing & low latency queuing.

Hardware/Software including Cisco 6509, 3560, 3750, 3745s, 1841s. Extreme Alpine 3804s, Summit-300/400s & BlackDiamonds. Juniper SSGs, Netscreens, J-Series, SA2000s. Checkpoint FWs. Sniffers.

## Network Security Infrastructure Consultant

2000 – 2003

Blue Cross and Blue Shield of MA – Boston, MA

As the Network Security Consultant, responsible in the configuration & management of switches, routers, VPN gateways, firewalls, & LDAP servers. Scripting & programming in various languages, such as Java, Perl, Visual Basic & HTML, to create essential administration tools that help automate processes.

- Developed of Client VPN solution with internal CA server with VeriSign certificates (PKI)
- Deploy & maintain site-to-site VPNs with affiliates
- Checkpoint Firewall management & maintenance: Checkpoint policy designs, and pushes. Firewall log monitoring. Installation of checkpoint on Nokia appliances as well as stand-alone servers. Configured checkpoints in an active-active mode in conjunction with Cisco load-balancers
- Cisco switch & router management & deployment: Installation & configuration of fully meshed (HA) Core, Distribution and Access layer switches. Over 80+ Cisco 6509's throughout with dual sups. OC48 sonet ring with multiple DS3 interconnected via 7200vxr routers. Build/Configured CiscoWorks & Netscout nGenius servers to monitor and manage all Cisco devices

## EDUCATION

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### Candidate for BA in Computer Information Systems

Wentworth Institute of Technology – Boston, Massachusetts

## CERTIFICATES

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CCNA, JNCIA-FWV, JNCIA-J, ACA, CIPT

Overlay/Underlay

POP3

PPP

PPTP

RIP(2)

RTP

SANs

SD-WAN

SFTP

SIP

SMTP

Sniffers

SNMP

SSH

SSL VPN

TACACS

TCP

TELNET

TFTP

Trill

UDP

vCNS

VPN

VRF

VRF aware IPsec

VRRP

VSS

VTP

VXLAN

WCCP

### Vendor familiarity

Cisco, VMware, Juniper, Fortinet, Avaya, Extreme, Netgear, HP, IBM, Dell, Intel, NetQOS/CA, RiverBed, Silverpeak, EMC, F5, Solarwinds, Microsoft, Apple, Adobe, Netscout, Nexenta, Splunk, + many more.

### Programing/Scripting Languages

HTML

Java/JavaScript

Perl

PHP

XML

Visual Basic

PowerShell

REST API