

SUMMARY

Over 18 years of professional information systems experience with security, enterprise architecture, project management, networking, telecommunications, software development, and business operations. Demonstrated competence to determine, propose, and communicate alternative technology and process solutions to meet business needs. Ability to consider opportunities, problems, and solutions in a broad view, and to focus on details to effect solutions. Excellent written and verbal communication skills with ability to prepare communications of complex information to a varied audience with clarity and credibility. Extensive experience leading project managers and teams in the development, integration, implementation, and support of complex systems. Ability to establish and maintain productive business relationships.

EDUCATION and CERTIFICATION

Master of Business Administration in Technology Management – 2002; University of Phoenix. The 51-credit program linked technical and business cultures. Maintained 3.86 GPA. Focus on integrated functions of technology-reliant organizations.

Bachelor of Arts in Engineering – 1987; Lafayette College. Curriculum merged engineering disciplines with substantial liberal arts concentration.

Certified Information Security Manager (CISM) – Information Systems Audit and Control Association.

Certificate in Enterprise Architecture Implementation (EAI) – Digital Consulting Institute eUniversity.

Certified Novell Administrator (CNA) for NetWare – Certified Network Engineer Program

Microsoft Certified Professional (MCP) – Certified Professional Program.

United States Army – Infantry Officer Basic Course, Basic Airborne Course, Total Quality Leadership Training, Nuclear-Biological-Chemical Defense Officer Qualification. DoD Secret clearance.

ACCOMPLISHMENTS

Independent Consultant for a range of critical project engagements. IT director/management information systems positions with USAC, Pathnet, YellowBrix, Media General Cable, and SAIC. Assistant Professorial Lecturer of Computer Science at George Washington University. Contributing Editor for CMP Media providing regular information technology article content. Regular conference speaker and panel member/moderator.

Elected Vice Chair of the Network Professional Association Board of Directors. Invited member of the Network Computing Magazine Editorial Advisory Board. Founding Member of the Culminis Taskforce on Building Security Awareness. Invited member of the Rochester Institute of Technology Academic Curriculum Advisory Group for the National Technical Institute for the Deaf.

Panel member for the Channel Reseller News IT Executive Forum. Speaker at the Network World Conference & Expo. Panel member for the eSeminar on Smart Lifecycle Management Strategies. Moderator for the Siebel Business Analytics webcast on Strategies for Enterprise Business Intelligence. Case Study Presenter at the DCI Summit on Wireless Computing. Panel member on the video/audio TechWeb webcast VoIP Corporate Implementation Strategies. Interviewed by the Canadian Information Processing Society for their CIPS Connections publication. Moderator for the webcast on Leveraging EII for Operational Business Intelligence. Judge for the Mobile & Wireless World Best Practice Awards. Moderator of the Network Professional Association Business Continuity / Disaster Recovery Seminar. Moderator for the Sonic Software Intelligent Enterprise SOA webcast. Moderator for the Network Computing TechWebCast on VoIP Deployment Options. Cited/quoted in CIO Magazine, USA TODAY, Network Computing Magazine, and NetworkWorldFusion. Various information technology and project management papers.

Past and present memberships with Information Systems Audit & Control Association, Network Professional Association, Project Management Institute, American Society for Industrial Security, Institute for Network Professionals, American Management Association, Computer Security Institute, Institute of Electrical and Electronics Engineers. Contributing member of the Gartner Business Panel, Worldwide Executive CIO Council, CIO Magazine Best Practices Exchange, NOP World IT Research Panel, USA TODAY Tech Panel, former member of the IDC Mobile Advisory Council.

EXPERIENCE

Independent Consultant – 2005 – 2004 – 2001 – 1991 (see details of projects on the following page)

Assistant Professorial Lecturer – Jan 2002 to Present – George Washington University, Washington DC: Instruct an undergraduate course providing students an introduction to computer science and the Internet.

Freelance Writer / Contributing Editor – 2002 to Present – For CMP Media since 2003, provide regular content for technical magazine publication of several hundred thousand subscribers. Various other white papers, articles, and presentations produced on information technology and management topics. See the Selected Writing & Publications section for further details.

Director of Information Technology – Sep 2001 to Nov 2004 – USAC, Washington, DC: Strategic technical direction for all information technology functions. Managed a \$3.3 million annual budget. Designed the architecture for a finance system handling \$6 billion annually. Oversight for contractor services of over \$125 million. Ensured business continuity and disaster recovery. Established 24x7x365 operations in support of the corporation. Designed e-commerce and security architecture. Wrote and issued requests for proposals, evaluated submissions and recommended options. Performed systems design and managed projects. Guided over 30 IT staff and contractors. Implemented an intranet, employee information portal. Formed an extranet for collaboration with key vendors. Moved all mission critical systems to high availability.

Director of MIS / Operations – Jul 2000 to Jun 2001 – YellowBrix, Alexandria, VA: Responsible for mission critical production systems including several Internet data centers and over thirty servers with associated network infrastructure. Initiated system metrics reporting to track uptime/availability, consistently over 99%, created weekly executive reports. Built project management system in company-wide use. Documented logical architecture. Migrated basic email system to fully functional groupware, Microsoft Exchange redundant architecture with web-based access. Completed 26 business continuity related projects. Completed financial systems SQL Server migration. Established test network and servers. Researched architecture for unique customers. Changed dialup access provider, savings of \$50k and better access. Conducted change meetings to ensure fluid communications and enforced standards.

Director, IT Services – Aug 1999 to Jul 2000 – Pathnet, Washington, DC: Responsible for the corporate enterprise network and nationwide operational surveillance network with over 50 servers and 20 sites. Functioned as interim CIO for two-month period. Completed 21 business continuity related projects. Transitioned the Year 2000 with absolutely no problems. Planned network and hardware architecture for numerous customer critical telecommunications systems. Completed cost saving initiatives totaling over \$250k yearly. Designed a computer operations center to house mission critical systems. Identified problems with nationwide surveillance network and redesigned using standard practices. Technical project manager for new corporate headquarters. Installed web-based helpdesk. Implemented virtual private networks. Conducted PBX needs analysis, reviewed IP-based systems.

Network Manager – Jan 1996 to Aug 1999 – Media General Cable, Chantilly, Virginia: Managed all areas related to the corporate information systems enterprise with 5 sites and over 400 users. Installed 10 complex client/server systems for finance, human resources, inventory control, call center, advertising, telecomm, and operations support systems. Implemented subsidiary wide area network and installed access upgrades. Created the company Intranet. Established corporate helpdesk. Moved all servers to a fully switched architecture. Chosen as corporate program manager for company-wide Year 2000 initiative. Selected member of parent firm Internet technology advisory committee. Negotiated wireless access for field workforce automation. Designed data warehouse hardware architecture. Core participant in business process re-engineering. Consistently met milestones for major projects.

Network Operations Manager / Engineer – Sep 1991 to Jan 1996 – SAIC, McLean, Virginia: Built a computer organization supporting over 500 users on 6 networks within multiple internal business units and numerous customer sites. Proposed and installed one of the first Microsoft Windows NT Servers at the Pentagon. Moved all organizations to desktop Internet access. Designed architecture for e-mail wide area network connectivity. Established corporate helpdesk, developed database application. Implemented worldwide remote access via secure dialup connections. Installed document management search system.

Corporate Sales Manager – Oct 90 to Jun 91 – The Computer Factory, Washington DC: Responsible for all operations within sales (computers/software/networks) and services (customers/installation). Managed all sales/support staff. Provided management oversight for corporate network installations.

Systems Analyst – Feb 90 to Oct 90 – Software Solutions, Alexandria, Virginia: Designed databases and user interfaces. Performed desktop publishing for commercial data dictionary. Provided network support.

Systems Analyst – Jan 88 to Feb 90 – Stanley Associates, Alexandria, Virginia: Designed and maintained database applications and expert systems for customers involving logistics and decision making applications.

Infantry Officer – May 87 to Jun 02 – United States Army, Virginia National Guard: Increasing positions of leadership and financial responsibility, several highly successful commands of over 200 personnel. Awarded the meritorious service medal, three awards each of the Army Commendation and Achievement Medals.

INDEPENDENT CONSULTING

Fannie Mae (Federal National Mortgage Association) – 2005. Subcontractor to IBM Business Consulting Services, member of the Regulatory Agreements & Restatement Team. Provided IT project management expertise for the high profile re-audit and restatement of financial results for years 2001 to 2005.

NECA Services – 2005. Provided consulting for major transition of all corporate systems including e-commerce, client/server databases, remote access, datacenter, telecommunications, and related support. Planned for security, connectivity, and availability. Project input on cost estimates, plans, and cutover.

GlobalSource LLC – 2004-2005. Developed and managed services involving information technology security as well as international competitive intelligence and investigations. Provided case management to ensure successful completion. Built a worldwide network of IT security subcontractors.

SAIC (Science Applications International Corporation) – 2004-2005. Contracted through Innovative Employee Solutions. Provided research and consulting for a major procurement capture plan.

State of Michigan – 2001. Independent Contractor with Federal Engineering. Large-scale effort to document requirements for the LinkMichigan statewide telecommunications solicitations project. Gathered data, performed needs analysis, and wrote final request for proposal document.

NEW (N.E.W. Customer Service Companies) – 2001. Provided technical consulting and assistance for the move of mission critical systems from the corporate computer facility to an outsourced datacenter provider.

AT&T – 1991. Contractor with Trawick & Associates. Performed database programming for Federal Telecommunications System 2000. Created an expert system to convert data from Oracle/UNIX to Paradox3/DOS and perform numerical analysis and reporting.

SELECTED WRITING & PUBLICATIONS

Articles featured on websites including Security Pipeline, Intelligent Enterprise, Adaptive Enterprise, Network Computing, Continuity eGuide, and Computer Networking Experts. Series of articles on technology certification for Exam Practice website. Network Professional Association newsletter article on the topic of IT Project Management.

White Papers include Service Oriented Architecture - The iEAI Approach, Messaging Security Trends & Requirements, Time Enough – IT Project Management, and Internet Domains & Trademarks. For Prentice Hall Publishing created instructor materials for several college texts; materials included presentations, course guidelines, and lecture notes for undergraduate computer science texts.

Presentations include Business Continuity Trends presented at the NetworkWorld Conference & Expo, Smart Lifecycle Management Strategies to Reduce IT Costs & Boost Performance for a Ziff Davis Media eSeminar, VoIP Corporate Implementation Strategies for TechWeb, Designing a Software Distribution Solution for Mobile Users at the DCI Summit on Wireless Computing, Disaster Recovery Updates for the Mid-Atlantic Disaster Recovery Association, Workshop on Business Continuity with the Network Professional Association.

Other papers include: Network Security - Internal Threats, Operational Motivation Plan, Demand Forecasting at a Dot-Com, The Effect of IT on Decision Making, Intrapreneurial / Entrepreneurial Leadership, The Digital Millennium Copyright Act, and Innovative Organizations.

TECHNICAL SKILLS

Project Management: Work Breakdown Structure (WBS), Scope, Risk, Cost Analysis, Requirements Analysis, After Action Review, Status Reports, Budgeting, Pilots, Gantt, PERT, MS Project, Project Central-Server, Primavera TeamPlay.

Enterprise Systems: Customer Relationship Management (CRM), Sales Force Automation (SFA), Enterprise Resource Planning (ERP), Enterprise Application Integration (EAI), Business Process Management (BPM). Finance Systems (FIS), Human Resources (HRIS). Products include: Sales Logix, Epicor Clientele, Siebel, Vitria, Vantive, Epicor, Peregrine, Remedy, PeopleSoft, Great Plains, MAS90, ACCPAC, ADP.

Operating Systems: Microsoft Windows Server (NT, 2000, 2003), Novell Netware versions 3.x-4.x, Sun Solaris & PC-NFS, Linux, Cisco IOS, OS/2, OS/2 Warp, SCO UNIX, Macintosh, Microsoft Windows 286 thru XP, DOS.

Server Hardware: PC-based: Dell, Compaq, Hewlett Packard, SUN Sparc, IBM AS/400, HP 3000, HP 9000.

Client/Server Databases: Oracle 7i/8i, MS SQL Server, Sybase, Informix, IBM DB2, MySQL, data warehouses/marts.

Internet / Intranet: E-Commerce Architecture, SharePoint Portal & Team Server, HTML, Microsoft FrontPage, Cold Fusion, ASP, SSL, website outsourcing, Webtrends, IIS, Apache, FTP, telnet, load balancing.

Reporting / Data Mining: Cognos, Actuate, Crystal Reports, FRx, MS Access Reports, business intelligence systems.

Network Management: HP OpenView, SNMPc, Cisco Works, WhatsUpGold, IPSentry, BindView, LANDesk Manager, Systems Management Server (SMS), TFTP, DNS, DHCP, WINS, TCP/IP, IPX/SPX, SNMP.

Network Planning: LAN/WAN, circuits, point-to-point, local loop, frame relay, ATM, topologies, routers, bridges, switches, hubs, Ethernet, fiber, coax, gigabit backbone, wireless, OSPF, HSRP, rack systems, patch panels.

Network Security: Audits, intrusion detection, policies, authentication, hardening, vulnerability scanning, firewalls, DMZ, sniffers, anti-virus, gateway scanning, physical security, patching, encryption.

Remote Access: Citrix, Terminal Server, Virtual Private Networks (VPN), Remote Access Servers (RAS), encryption, tunneling, authentication/radius.

Software Development: Systems Development Life Cycle (SDLC), Capability Maturity Model (CMM), various high-level languages, scripting, and methodologies.

GroupWare / Messaging: Lotus cc:Mail - Notes, Microsoft Mail, Microsoft Exchange, LDAP, IMAP, POP, SMTP.

Telecommunications: phone systems, VoIP, circuits, PRI/ISDN, modem banks, call centers.

Other: Disaster Recovery, Storage Area Networks (SAN), Process Outsourcing, External Auditing, Helpdesk/Ticketing, Change Management, Open Source (DNS, DHCP, SMTP, anti-spam), Tape Backup, Document Management.