

RESUME

William Favre Slater, III

MBA, M.S., PMP, CISSP, SSCP, CISA, ITIL v3, MCSE, MCSA, MCITP, CDCP

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August 2017

Titles / Roles:

Global Cybersecurity Manager, Senior Project Manager / Program Manager / Senior Consultant / IT Security Engineer / Cybersecurity Engineer

Career Goals:

Director, CIO, CISO, CTO, CSO

Specialties:

Information Security, IT Security, Cloud Computing, Cybersecurity, Disaster Recovery, Business Continuity, Crisis Management, Business Resiliency, Business Analysis, System Analysis, IT Infrastructure Management, Technical Architecture, Data Center Operations, Data Center Development, Cyberforensics, Vulnerability Management, Threat Management, Cyberwarfare, Social Engineering, Risk Management, Incident Management, Problem Management, IT Change Management, Application System Development, Database Administration, Data Architecture, Technical Service Development, Service Management and Service Transition, Technical Leadership, and Technical Training.

Experience Summary

Mr. Slater's career has been characterized by both professional excellence and consistently reliable, high quality work performance. His technical background is both broad and deep, and has excellent skills, knowledge and experience in cybersecurity, Data Centers, infrastructure, software development and service management. He is an excellent leader and strategic thinker who will tactically engage and accomplish objectives on a timely basis. He adeptly communicates the business value of whatever he plans, and then executes on that plan. During his projects, he regularly reports the results to senior staff, stakeholders, and team members. He leads by example and is a results-driven, people-oriented technical manager who can effectively build, lead, and motivate high performance teams to meet and usually exceed customer expectations. Mr. Slater has often been chosen to assume the leadership of complex projects that were in trouble and boldly done so, organizing and driving his Team to successful results while rising to meet and usually exceed the expectations of his sponsors and stakeholders. He has a coaching-mentoring style of leadership with the innate ability to build and lead high-performance, diverse Teams using the Peter Senge Learning Team Model. Mr. Slater has worked in some of the world's most demanding IT environments; among these are JLL, IBM Global Security Services, British Petroleum, the U. S. Department of Veterans Affairs, Microsoft, Technisource, and the United States Air Force. Each of these environments presented unique, high-pressure, high-visibility challenges that not only required intelligence, skills, experience and integrity, but they were demanding in ways that required creativity, adaptability and flexibility. Mr. Slater possesses exceptional skills in leadership, communication, technical abilities, and time management, and is a highly reliable, well-rounded, seasoned IT professional that can quickly adapt to and add extraordinary value to any organization. Mr. Slater is also an internationally recognized and published author, professor, and presenter on various cybersecurity topics such as risk management, vulnerability management, infrastructure security, compliance, cyberwarfare, data center security, and social engineering.

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OBJECTIVE:

Experienced Senior IT Project Manager / Program Manager certified in PMP, CISSP, SSCP, CISA, ITIL, ISFS, MCSE, MCITP, and MCSA, available for technical project management work or a full-time position in positions related to projects associated with cybersecurity, Data Centers, other IT infrastructure, IT Security, compliance management (especially ISO 27001, FISMA, and COBIT), ITIL-based Service Transition and Service Management, and/or Application Development. Also seeking to eventually assume position as a director or a CIO, a CISO, a CSO, or a CTO. I will be instrumental in helping my organization maintain a strategic, competitive edge by providing strong, positive leadership and driving excellent performance in the teams, projects, and services I lead in order to maximize the business value to the organization. This position should be challenging, provide project and/or program leadership opportunities, additional opportunities for growth, and be recognized as making a vital contribution to the organization.

Education

Bellevue University, Bellevue, NE
M.S. in Cybersecurity, 2013

University of Phoenix, Phoenix, AZ
Master of Business Administration (MBA), 2010

Marist College, Poughkeepsie, NY
Data Center Technology Certification Program, 2008

University of Phoenix, Phoenix, AZ
M.S. in Computer Information Systems, 2004

University of Memphis, Memphis, TN
B.S. Engineering Technology, Major Computer Systems Technology

Professional Experience

Slater Technologies, Inc. (Chicago, IL)

March 2012 - Present

Sr. IT Consultant / Sr. IT Security Consultant / Sr. IT Project Manager

Working as a senior IT consultant/Project Manager on projects related to cybersecurity, penetration testing, wireless lan audits and upgrades, wireless site surveys, information security, compliance, security reviews, **risk management**, and auditing. Also provided consultations as a subject matter expert on projects with Data Center vendors and other local businesses. Also, directly involved with writing proposals and providing technical guidance to help staffing companies win multi-million dollar, five-year contracts to sell program management services in infrastructure security, software development and infrastructure deployment. Working on Cybersecurity projects, including Business Resiliency assessments, formal risk assessments and Cybersecurity Program creation, Management and Maintenance, (NIST, NIST Cybersecurity Framework, CSA's CSM, ISO 27001, HIPAA, PCI, and COBIT), creation and automation of risk management frameworks, security audits, and a fast-track ISO 27001 implementation project for a software company to achieve ISO 27001 certification in 2013. Recent Clients: Gevity, Becker Logistics, Supernova Companies, Policy Shield, Sumaria, U.S. Air Force, GoHealth, Accretive Solutions, Syzygy Risk Management, Offisol Corporation, HCSC, IPSOS, Synovate, Panduit, Caveon, and CAPSIM Management Solutions.

Also providing leadership, management, guidance, and teaching for Summer 2017 Internships for 30 graduate students from local universities who are working on these projects that we designed and developed:

1. **Restart the Chicago Chapter of the Internet Society (see <http://www.isoc-chicago.org> for the former version of this Chapter)**
2. **Build a Data Breach Data Tracker Application that works in the Cloud via a Web Browser**
3. **Prepare an ISO 27001 Implementation complete with an ISO 27001-compliant Information Security Management System.**
4. **Office Automation Project - build a Cloud-based or web-based application via technologies like XML, HTML, and Javascript)**

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5. **Build a Time Tracker Application that works in the Cloud via a Web Browser (this was already designed and works well in MS Windows; it just needs to be ported to a Cloud-based or web-based application via technologies like XML, HTML, and Javascript),**
6. **Design, Build and Test a Cost-Effective Pentesting Methodology that will satisfy the requirements of multiple popular Cybersecurity Management Frameworks (PCI, HIPAA, FISMA, CSA CSM, etc.)**
7. **Design, Build and Test an Internet of Things application that will collect data and store it into a Cloud-based Data Warehouse (that they will build), and permit users to generic queries and reports and usage statistics via a web interface in a browser.**
8. **A study to identify the requirements to help rapidly bring the Republic of Cuba into the 21st Century Information Economy.**
9. **Some Student-defined projects.**
10. **Woods Fund Infrastructure Modernization Planning Project**

Slater Technologies, Inc. (for Supernova Companies) (Chicago, IL)

July 2016 – January 2017

Information Security Engineer / Sr. IT Security Consultant / Sr. IT Project Manager (Full time position)

Provided all security-related services for Supernova, a FinTech company based in Downtown Chicago, IL. These include:

- **Security Event and Incident Management** - Managing security incidents and threats to the Client's systems and information assets.
- **Change Management** - Raising appropriate change records, follow the change management procedures & ensure change records are appropriately approved by the Client.
- **Problem Management** - Analyzing problem records that are raised and escalate to management as appropriate
- **Annual Security Policy and Standards Review** Performed review of information security controls and security checks of system configuration.
- **Vulnerability Management and Remediation Management** - Create and manage the Vulnerability Management and Remediation Management programs. Used Qualys for threat and vulnerability management. Also worked closely with Qualys engineers to resolve technical issues regarding tool problems.
- **Pentesting** – Create and manage Pentesting Projects for FinTech application in the AWS Cloud. Used tools such as Shodan, ZAP, and Netsparker to produce details reports regarding existing vulnerabilities and followed up with remediation recommendations and efforts.
- **User Revalidation/Privileged Access/Staff Termination/Physical Security Review** - User reports to validate security access levels for the Client' employees, systems & information assets.
- **Compliance Management** - preparation for and passing SSAE 16 / SOC 2 Assessment.
- **Business Resiliency Planning and Management** - Creation and maintenance of Business Continuity Plans and Disaster Recovery Plans.
- **Identity Access Management (IAM)** - Research and design of IAM methods that involve SAML 2 for secure authentication management in disparate distributed web-based applications that exist in AWS and in a business partner's infrastructure.
- **Penetration Testing** - Perform Black Box penetration testing on AWS Cloud-based IT infrastructure and applications to uncover and document existing vulnerabilities for remediation.
- **Risk Assessment and Risk Management Activities** - Perform risk assessments on IT infrastructure, web applications, vulnerabilities, and threats.
- **Weekly Security Reports for the Organization** - Including .Threat Analysis, Vulnerability Analysis, Current Topics in Information Security, and Information Security Awareness.
- **Research and Recommendations on Current and Emerging Vulnerabilities and Threats.**
- **Other Activities:** I was instrumental in helping Supernova pass their very first SOC2 Audit in October 2016. I also developed and managed the following Programs here, from scratch:

- IT Risk Management
- Threat Management
- Vulnerability Management
- Incident Management
- Business Resiliency

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- Cybersecurity Management Program

Adecco (for IBM Global Security Services) (Chicago, IL)

August 2015 – June 2016

Delivery Project Executive / Sr. IT Security Consultant / Sr. IT Project Manager (Full time position)

This Global Security Manager / Consultant role provided a single internal point of contact for local Americas Regional security Service Delivery Managers, facilitating a direct and integrated working relationship. This was a key role for the Vendor Security Team, serving the Client as the deliver management focal for operational governance and overseeing the day to day activities as they relate to Security Services. Reported to the Global CISO, Global GTO, and the Global Services Project Executive.

Overview:

Provided oversight and action for the following for three Regions: Americas, EMEA and Asia-Pacific

- **Security Incident Management** - Managed security incidents and threats to the Client's systems and information assets
- **Change Management** - Raised appropriate change records, follow the change management procedures & ensure change records are appropriately approved by the Client.
- **Problem Management** - Analyzed problem records that are raised and escalate to management as appropriate
- **Annual Security Policy and Standards Review** Performed review of information security controls and security checks of system configuration
- **System Health Checking** - Performed review of systems to ensure compliance with Service Delivery documents
- **Vulnerability Management and Remediation Management** - Created and managed the Global Vulnerability Management and Remediation Management programs
- **User Revalidation/Privileged Access/Staff Termination/Physical Security Review** - User reports to validate security access levels for the Client' employees, systems & information assets.

Accomplishments:

- Was instrumental in helping the client achieve and maintain certification in ISO 27001:2013.
- Designed, wrote, created and managed the client's Global Vulnerability Management Program and the client's Remediation Management Program. This included the use of IBM's VMS Security Management Tool, the monthly collection of data, and the tracking of remediation results in each of the regional Operation Teams. It also including reporting of aging of vulnerabilities by severity to ensure that vulnerabilities were getting remediated as required. Created and maintained a database that allowed retrieval of vulnerability and remediation progress data from present going back to October 2015.
- Created and managed the client's Monthly Global Security Performance Reporting Program and the Executive Vulnerability Summary Reports. These included analysis of past and present security event data.
- Created the Regional and Global Investigation/Incident Response Management Programs.
- Coordinated Global Security Responses and reported progress, analysis, and results to the Global CTO and the Global CISO.
- Supported the VP of Risk Management and Compliance with data about progress on Vulnerabilities, Remediations, and Compliance, as well as fulfilling frequent requests for Security Management Compliance Reports required by SOC2 and ISO 27001.
- Performed Threat Management and created and track emergency response plans for Global Responses to eminent threats such as Cisco ASA vulnerabilities, spear phishing and whaling attacks, and the DROWN threat in SSL.
- Coordinated and Managed the Regional Updates for the Security Services Delivery and Management in each Region: Americas, EMEA, and Asia-Pacific.

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Technatomy Corporation (Hines, IL)

August 2014 – June 2015

Sr. IT Project Manager

Led a talented Team of talented Engineers and related Support Staff in modernizing a complex legacy n-tier, enterprise client/server application (with over 500,000 lines of code) that supports case management work flows for 1300+ users that serve millions of disabled U.S. Military Veterans at the Veterans Benefits Administration in the U.S. Department of Veterans Affairs. Used Agile / Scrum to manage and track the project.

Slater Technologies, Inc. (Chicago, IL)

March 2012 - Present

Sr. IT Consultant / Sr. IT Security Consultant / Sr. IT Project Manager

See above at the top.

CACI (Chicago, IL)

July 2011- March 2012

Program Manager (Full time position)

Worked as a program manager, managing several related development projects which would create the Nationwide Health Information Network (NwHIN) - a secure, nationwide, interoperable health information infrastructure for the U.S. Department of Veterans Affairs. This was a multi-tier, secure, integrated, distributed application that utilizes Java, J2EE, Oracle, and various web-related technologies, and it will interface with the Department of Defense as well as out-of-network and commercial medical providers. It was an Agile / SCRUM development project managed under the Virtual Lifetime Electronic Record initiative that was commissioned by the President Obama in April 2009. It was also 100% telework, and I managed 48 people and 4 major projects that were nationwide, in over 20 states. Duties included:

- Management of Application Development Project Managers
- Oversight of and direct participation in a Formal Risk Management Program
- Oversight of and participation in a Quality Management Program
- Oversight of Database Administrator Team
- Oversight of the Program Management Support Team
- Participation directly in Software Configuration Lifecycle Management (SCLM), Software Development Planning and Process Management as products were staged from development to Software Quality Assurance and then to preproduction for User Acceptance Testing
- Managed the transition of application software and databases from the Development environments into the Software Quality Assurance testing environments and the pre-production environments of the VA's Data Centers in Austin, TX and Martinsburg, WV.
- Worked on a special project to design and create a Cloud-based development environment for developers who had not yet received their clearances to directly access resources related to the U.S. Department of Veterans Affairs. This initiative allowed for quicker on-boarding of developers and maximized their effectiveness while meeting the security requirements of the U.S. Department of Veterans Affairs.
- In August 2011, worked closely with a CACI Senior Vice President to deliver the Cloud Services presentation that helped educate managerial and technical staff and initiate CACI's new Cloud-based services design and Cloud-based services programs.

Slater Technologies (Chicago, IL)

January 2011 to July 2011

Sr. IT Security Consultant / ISMS Architect

At Synovate, Chicago, IL: ISMS Architect and Project Manager on project creating an ISO 27001-based Information Security Management System (ISMS). Initiated and planned this project and provided regular updates to senior level management including C-level executive management about the status, needs, and progress of this project.

Engineering Services Network (offices in Arlington, VA)

January 2010 to January 2011

Project Manager for the Department of Veterans Affairs

Led a 14-person Tier III IT Security Support Team at the VA Network Security Operations Center in Hines, IL to provide network security and defense, analysis and problem resolution on the **VA's national Private Cloud-based IT**

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infrastructure on a 24 x 7 basis. This enterprise IT infrastructure has over 30,000 servers and over 330,000 desktops, and has managed IT assets and data located in all 50 states.

CSSS.NET (offices in Bellevue, NE)

September 2009 to January 2010

Project Manager for the United States Air Force

At Peterson AFB, CO for the 561st Network Operations Squadron, formed and led a 12-person Team to accomplish an ITIL v3 IT Services Management implementation and a service management transition for the United States Air Force. Initiated and planned this project and provided regular updated to senior level management including executive management about the status, needs, and progress of this project. This ITIL service management implementation was designed to introduce a major service transition and services management based on ITIL v3, so that the U.S. Air Force could begin to implement a **Cloud-based services model for its IT Resources**. It also allowed for continuous service improvement processes to every facet of their global Information Technology infrastructure, and when it was completed, it became the world's largest full-scale pure ITIL v3 implementation.

Technisource Corporation, Itasca IL

November 2008 to March 2009

Technical Project Manager

Managed a large Private Cloud Data Center Migration Project for Komatsu, large international manufacturing company, which involved a significant in-sourcing initiative where servers were being migrated from an out-sourced facility to an in-house facility. Initiated and planned this project and provided regular updated to senior level management including C-level executive management about the status, needs, and progress of this project. (Note: I took this temporary position knowing that the project would end in Spring 2009 as the project was completing.)

- Chief accomplishment: Successfully reengineered, reorganized, and managed a Data Center Migration project that was already 24 months behind schedule, resulting in cost savings of more than \$5.5 million. It was a **Private Cloud Data Center**, and the security, planning in technology and space allocation, design and growth potential allowed it to become the focal point for all **Private Cloud Data Center Services** in the Western Hemisphere for Komatsu.
- Managed the construction of the new Data Center.
- Helped to restructure and provisioning of the WAN infrastructure, both primary and backup circuits for Internet and for MPLS circuits.
- Worked on the design of the Data Center LAN and physical Security Infrastructure.
- Helped select, qualify, and train the Team of Data Center Specialists who will permanently staff the Data Center, 24 x 7.
- Helped qualify and select a Managed Network Services Provider to monitor the network, 24 x 7.
- Managed the Project Management Plan, all Project Procurement Financials, and the Project Risk Management Plan and Risk Register.
- Assisted with planning and managing the virtualization and migration of Applications into the new Data Center.
- Server Virtualization and Refresh Efforts: Assisted with planning and managing the virtualization and migration of Applications into the new Data Center. We were required to migrate applications into new servers for the new Data Center because the old servers in the old Data Center were at the end of their useful life. Result: After the analysis effort, we created a design and plan for migrating 55 servers into 8 physical servers. We virtualized the old server images and placed multiple images on each of the new servers that were running ESX by VMware. The data for these servers was also migrated at the old Data Center site using a migration staging server. After the new virtualized servers were installed, there was an extensive testing effort to ensure that the newly virtualized servers performed as required to meet the customer's expectations and business needs.
- Designed and implemented an advanced WAN optimization architecture using Riverbed Steelhead devices.
- Led the development of the ITIL v3-based Service Catalog, Service Delivery Model and the Service Transition for the IT Organization. We also used Maximo for ITIL v3 processes related to the Service Desk, Incident Management, Problem Management, Release Management, Asset Management, Configuration Management, Change Management, and Knowledge Management.
- Participated in the qualification and selection of the Service Desk Solution and Service Desk Provider.
- Designed the Operating Model and the Operations Guides for two Data Centers based on ITIL Service Management.
- Led the effort to create viable Disaster Recovery Plan and get it updated for two primary operational Data Center sites.
- Created all standardized Data Center Reports for two Data Centers.
- Managed the launch, education and Control Monitoring Initiative to bring the two Data Centers into Compliance under ISO 27001, SAS 70 Type II, and SOX. Also utilized COBIT guidelines.
- Managed the Project Plan and Schedule using MS Project, Schedules, and also managed the Project Financials using MS Excel.

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- Did a large share of the work in the CapEx and OPEx Budgets for the new Data Center.

Microsoft Corporation, (Headquarters in Redmond, WA, work location in a North Lake, IL)

March 2008 to October 2008

Data Center Manager / Sr. IT Operations Program Manager II (Full time position)

I managed and was responsible for the **Microsoft Chicago Cloud Data Center**, a \$6 billion project which was built in Northlake, IL, western suburb of Chicago. It was the world's largest **Cloud Data Center**, in floor space (705,000 sq ft), in power consumption (120 MW), and in the volume capacity for servers. It will eventually house over 330,000 physical servers, and today it remains **Microsoft's Flagship Cloud Data Center**.

The **Microsoft Chicago Cloud Data Center** is also the world's first location where Data Center Modules (think 40-foot shipping containers) were implemented and tested on a mass scale. I was directly involved in the selection of the manufacturing vendor, as well as the operational implementation of this new containerized computing technology, writing the procedures to install and integrate them into the Chicago Data Center.

Managed and worked with contractors and subcontractors who provide cooling, electrical, telecommunications, security, cleaning, and cabling services for an operational area that is inside a construction zone, as well managing facilities people who are providing the cooling services, power, Building Management System, VESDA, EPMS, and data services to the Data Center Modules mentioned above. I also managed staff of 22 superstar Data Center professionals that help me manage this 24 x 7 operation.

Two thirds of this staff was responsible for the cooling equipment, electrical equipment, fire protection, and automated facilities systems all of which provide the critical environment services at this Data Center. The other one third of my staff provided the technical services for IT equipment installation, configuration and data networking.

Building this state-of-the-art facility generated approximately 3,000 construction-related jobs with a peak workforce of around 2,800 workers. More than 1.5 million man-hours of labor went into the project, and the total investment in the facility will exceed \$1 Billion.

For the first year, of the **Microsoft Chicago Data Center**, the operational budget exceeded \$40 million, and in following years as the facility becomes filled with servers, this was expected to exceed \$120 million.

Implemented, tracked and enforced security management controls under SAS 70 and ISO 27001 and to ensure compliance for passing certification audits. The **Microsoft Chicago Cloud Data Center** achieved ISO 27001 certification in May 2010 as a result of these efforts.

Worked on the Disaster Recovery Plan and kept it updated to reflect organizational and infrastructure changes.

Managed the Project Plan and Schedule using MS Project. Managed manpower schedules, Risk Management Register, and also the Project Financials using MS Excel.

Finally, using Visual Basic 2008, I designed and developed an automated time tracking system that helps track the times associated with the over 40 job functions that comprise the day-to-day responsibilities of a Microsoft Data Center Manager, in an environment that is constantly filled with intensity, non-stop multitasking with a sense of operational urgency.

CSSS.NET, (offices in Bellevue, NE and Chicago, IL) November 2006 to March 2008

Program Manager for the Veterans Administration in Hines, IL

On contract worth over \$4 million in annual revenue, I managed a 21-person Team of senior level system engineers who support MS Exchange Server 2003, Blackberry Cell Phone / PDAs, Windows Server 2003, Microsoft Operations Manager, and Tivoli Backup Manager. This team supported the 24 x 7 business electronic messaging needs of over 300,000 users at the VA, and potentially affect interactions with an additional 500,000 users and are considered to be extremely business critical. We used Remedy to manage and track the team's technical work on customer messaging incidents, and generate regular reports weekly, monthly, and quarterly, and yearly to report on the team's performance. During 2007, this Team resolved over 5700 Remedy Tickets.

I was responsible for all personnel management issues for this team including interviewing, recommendations for hiring and firing, performance evaluations, schedule and resource management, team development and career planning, etc. I screened and hired 14 employees during the time I managed this Team.

Managed the Project Plan and Schedule using MS Project. Managed manpower schedules, Risk Management Register, and also the Project Financials using MS Excel.

I was also the technical lead project manager on the 2007 Data Center Migration and Consolidation Project in which more 200 production servers and an EMC SAN were planned for migration into a high-security Data Center.

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Upon voluntarily leaving this position to go work for Microsoft, I wrote an extremely detailed 65-page Program Manager Transition Guide on how to do my job, to ensure that the new Program Manager would be successful.

Contractor at British Petroleum, Naperville, IL

May 2001 to November 2006

Data Center Manager / Change Management Manager / Project Manager (Three Roles in this position)

- 1) **Data Center Manager** for all operational aspects BP Naperville's Data Center that housed hundreds of Servers (Windows Server 2003, Windows 2000 Server, Solaris, and Linux) as well as a network infrastructure that forms one of the largest hubs in North America, and also had responsibilities for three nearby satellite Data Centers.
 - Managed a 2.5 year project that re-centralized that management of the Data Center, as well as three smaller satellite Data Centers.
 - Planned and Managed 10 Data Center Migration Projects that consolidated assets into this datacenter.
 - Enforced compliance requirements under ISO 14001 and SOX.
 - Asset Management and Configuration Management: Developed and Managed an Asset Management Database and tracked all IT assets in four Data Centers in a full life-cycle, from installation to disposal, and created weekly, monthly, quarterly and yearly reports for BP management on the status and configuration of each of these assets. Also used this database to generate reports that quantitatively show the hottest areas of Data Center by reporting on the wattage per rack. This data was used to optimize the cooling efforts in the facility.
 - Managed eight migration projects during which other remote Data Centers were shut down and had their assets migrated into this Data Center. Updated all the asset and configuration information into the asset management database.
 - Managed a project where we migrated all the equipment associated with a 150 TB NetApp NAS from Houston, TX to the BP Naperville Data Center. We were successful, coming in ahead of schedule and under budget, and achieving success ahead of the worst part of the 2006 hurricane season. I was awarded a \$1000 bonus for being successful on this project due to the high visibility and critical nature. Also managed this NetApps NAS device and handled drive failures after it was installed and operational in our Data Center.
 - For 5.5 years, I managed and worked with contractors and subcontractors that provided cooling, electrical, fire protection, telecommunications, security, cleaning, and cabling services for each of these Data Centers.
 - I also managed Teams of IT professionals that provided technical services for IT equipment installation, configuration and data networking.
 - Server Refresh Efforts: During the 5.5 years I managed the BP Naperville Data Center, there were over 400 servers. Planned and supervised the replacement of more than 93% of the older servers in total. Oversaw major refresh initiatives: 1) modernization of operating systems from NT 4 Server to Windows Server 2000, which required some new servers also; 3) upgrades from Windows Server 2000 to Windows Server 2003; and 2) a large replacement project of about 100 old COMPAQ Servers with HP Servers during 2005.
 - Also was responsible for the safety inspections, as well as all activities related to the facility and maintenance and upgrades that occasionally occur. This included all equipment related to power, security, fire protection, VESDA, UPS, and HVAC.
 - In addition, also responsible for management and coordination of all vendors and contractors who performed work in these Data Centers.
 - Worked on the Disaster Recovery Plan / Business Continuity Plan, and Risk Register, and kept them all updated to reflect organizational, IT asset, and infrastructure changes.
 - Participated in semi-yearly testing of Disaster Recovery Plan / Business Continuity to verify the plans and ensure that everyone knew their roles in how to recover from one or more disasters.
 - Managed the Project Plan and Schedule using MS Project, Schedules, and also managed the Project Financials using MS Excel.
 - Wrote several policies and procedures related to workplace performance and behaviors, as well as compliance initiatives as required by the client.
 - Trained personnel in processes for IT Service Transition, Service Management and Continuous Service Improvement related to performing technical project work in the Data Center.
- 2) **Change Management Manager** for a nationwide region comprised of 67 sites, and scores of servers, routers, switches, scores of WAN Circuits, etc. As the Change Management Coordinator for the North Eastern Change Advisory Board which meets at 1:00 PM each Monday, I managed the coordination and approval of Change Requests to the BP infrastructure components for approximately 67 sites. I also routinely processed Emergency Change Requests and publishing of custom Change Notifications which in effect announced approved Changes and approved Outages to the BP Infrastructure throughout North America. Wrote the policies, processes and procedures for Data Center Management and Change Management, and kept them updated as part of the continuous process improvement initiative. Was certified in ITIL Foundation v2, and assisted co-workers and management in

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learning and adopting ITIL-related processes, including Change Management, Asset Management, and Configuration Management. Enforced SOX compliance requirements related to Change Management.

- 3) **System Engineer** on a large Active Directory domain network (over 2000 servers total, distributed globally). Technologies used: SQL Server, MS Access, NT Server 4.0, Windows 2000 Server and Windows 2000 Professional, IIS, FrontPage, HTML, Windows Terminal Services, PCAnywhere, etc. scripting in PERL, VBScript, and KIXStart.

Chicago Manufacturing Center
Sr. Business Advisor / Database Administrator

April 2000 to March 2001

PROFESSIONAL CERTIFICATIONS:

Organization	Certification(s)
PMI	Project Management Professional - PMP
(ISC) ²	Certified Information Systems Security Professional - CISSP System Security Certified Practitioner - SSCP
Microsoft	MCSE, MCSD, MCITP
CompTIA	Project+, Security+, Network+, Server+, Linux+, Healthcare ITProfessional, A+
PECB	ISO 27001 Auditor
Exin	Information Security Management Expert based on ISO/IEC 27002 - ISMES Information Security Foundation based on ISO/IEC 27002 - ISFS
Exin	Information Technology Infrastructure Library - ITIL Foundation v3 and v2
Exin	IT Service Management Foundation – based on ISO/IEC 20000
ISACA	Certified Information Systems Auditor - CISA
The Art of Service	Cloud Computing Foundation Certification
Institute of Data Center Professionals (IDCP)	Certified Data Center Professional - CDCP

PROJECT MANAGEMENT EXPERIENCE - FINANCIALS:

2014 - 2015 - U.S. Department of Veterans Affairs, 7-person team, \$1.5 million annual OpEx budget
 2011 - 2012 - U.S. Department of Veterans Affairs, 48-person team, \$11.5 million annual OpEx budget
 2010 - 2011 - U.S. Department of Veterans Affairs, 14-person team, \$2.2 million annual OpEx budget
 2009 - 2010 - U.S. Air Force, 11-person Team, \$1.3 million annual OpEx budget
 2008 - 2009 - Komatsu Data Center Build and Migration Project (Technisource), \$4 million CapEx budget and \$5.5 million in cost savings
 2008 – 2008 - Microsoft Chicago Data Center Manager, \$43 million annual OpEx budget, \$1 billion in CapEx budget
 2006 - 2008 - U.S. Department of Veterans Affairs, 22-person team, \$4.3 million annual OpEx budget
 2001 - 2006 - BP Naperville Data Center, \$4 million annual OpEx budget, and \$1 million CapEx in annual projects

INFORMATION TECHNOLOGY EXPERIENCE:

Service Management Methodologies / Frameworks: ISO 20000, ITIL v3, ITIL v2, COBIT

System Development Methodologies: Agile, SCRUM, CMMI, RAD, RUP, SDLC, Waterfall

Project Management Methodologies: PMI PMBOK, PMBOK Lite, BP, Customized Project Management Methodologies, MethodOne, U.S. Air Force.

Security and Compliance Frameworks: ISO 27001:2013 and ISO 27001:2005, **Cloud Security Alliance Control Set**, NIST SP 800-53a FISMA, NIST Cybersecurity Framework, SANS 20, SOC 2, SAS 70 Type II, SSAE-16 Type II, Sarbanes-Oxley (SOX), HIPAA, PCI DSS, ISO 20000, ISO 9001, and ISO 14001.

Cloud Experience: Amazon Web Services - IaaS, SaaS, and PaaS, and Security Management including Pentesting, **Microsoft Cloud:** Windows Live, IaaS, SaaS, Sharepoint, Office 365, SQL, **Google:** GoogleDocs, IaaS, SaaS. **Apple:** IaaS, Box: IaaS

Operating Systems: Windows Server 2008, Windows Server 2003, Windows 2000 Server, Windows 10, Windows 8, Windows 7, Windows Terminal Server 4.0, IOS, Citrix Metaframe 1.8, RedHat Linux, Fedora Linux, UBUNTU Linux, SUSE Linux, AIX 5.4L, HP-UX, OpenVMS.

Networks and Protocols: TCP/IP, IPv4, IPv6, BGP4, EIGRP, OSPF, RIP, RIP2, Ethernet, Fast Ethernet, HTTP, SNMP, SMTP, POP3, DNS, DHCP, DLC, RAS, PPTP, PPP, IPSec, SSL, WPA2, L2TP, EAP, and RDP.

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RESUME

Hardware: Servers from these vendors: IBM, HP, Dell Servers, Digital, RS/6000, Laptops, IBM-PC Compatibles from 8088 to Intel i7. Nokia Lumia 920 & 1020, Dell Latitude 10 Tablet, and Microsoft Surface Pro. Small computers: Raspberry Pi – Model B, Arduino. Also Wireless Routers, Wireless Access Points and other wireless networking devices: 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac. Other hardware includes: Cisco VPN Concentrators, Cisco Routers, Cisco Catalyst Switches, HP-UX RISC Workstations, VAX, Network Applications NAS and SAN Storage Device (150 TB), RAID 0, 1, RAID 5, 10 disk arrays, network interface cards, modems, switches, hubs, SCSI, IBM 30XX, tape drives, etc.

Software and Utilities: MS Visio (certified), MS Project (certified), MS Word MS Excel, MS Access, MS PowerPoint, Sysinternals Utilities Suite, MS Outlook, Remedy, Microsoft Operations Manager, MS Project Server (certified), MS Sharepoint Server, Wireshark, Channelizer, Insider, Ethereal, Splunk, Backtrack, NMAP, OWASP, BP Global Change Management System (GCMS), TCP/IP, SNORT, Nessus, PuTTY, Samba Server, DNS, DHCP, WINS, Active Directory, FTP Server, NMAP, MS Exchange Server, MS Internet Information Server, HP OpenView Network Node Manager, Network Associates Sniffer, MS FrontPage, Compaq Insight Manager, Citrix Metaframe, MS Internet Explorer, PaintShop Pro, Norton 360, Norton Anti-Virus, McAfee.

Security-related Tools: Netsparker (Desktop and Cloud), WiFIPineapple, LAN Turtle, Shodan, ZAP, AlertLogic, Qualys, Nmap, IBM MSS VMS, Kali Linux, Rapid 7 Nexpose, Burp Suite, WireShark, Kaspersky, Nessus, MBSA, Metasploit, Splunk, QRadar, TCPDump, TCPView, Unicornscan, OpenVAS, Fping, Hping, Wapiti, Wfetch, SET, Sysinternals, Angry IP Scanner, and Netcat, Fluke.

Networking Devices: Switches (managed and unmanaged), Cisco ASA, PaloAlto Firewalls, Cisco Clean Assess Network Access Control Device, 802.11b/g/n routers and wireless access points, Riverbed Steelhead devices, CSU/DSU's, DSL Modems, Cisco Routers, Cisco Switches, VPN Concentrators, Ethernet network interface cards, and 802.11a/b/g/n network interface cards.

Development Tools and Platforms: PERL, Java, Java J2EE, C++, SQL, Visual Basic .NET (VB.NET), ASP, ASP.NET, IIS, Visual Studio 2003, 2005, and 2008, Visual Basic 6, C#, Python, VBScript, JavaScript, KIXStart, UML, XML, HTML, and C.

Databases: SQL Server, Oracle, AWS Red Shift, AWS DynamoDB, MS Access, MySQL, and Oracle Rdb.

Data Center Automation Tasks, Tools & Experience:

Have used several tools to automate the management of tasks required to efficiently manage a modern Data Center. Visit http://billslater.com/datacentermanager/WFS_Data_Center_Automation_Tasks_and_Tools_2009_.htm for a complete three-page list of Tasks and Tools.

Professional Military Experience

United States Air Force: Computer System Staff Officer, (5135B), supporting command control communications systems at Strategic Air Command Headquarters Command Post for the SAC Battle Staff and National Command Authorities.

Publications and Presentations

Visit <http://billslater.com/writing> for a list of publications and presentations.

Professional Organizations:

American Society of Industrial Security International
Armed Forces Communications and Electronics Association
Association for Computing Machinery
Data Center Professionals Network
EC Council
Electronic Frontier Foundation
Federal IT Security Institute
IEEE Computer Society
Institute for Data Center Professionals, Charter Member and
Newsletter Editor
ICTTF International Cyber Threat Task Force

International Information Systems Security
Certification Consortium, Inc., (ISC)²[®]
International Society for Auditing and Control
Association (ISACA) - Member
Information Systems Security Association (ISSA)
Internet Society, Supporting Member
Microsoft Alumni Network
The Planetary Society
Project Management Institute
Uptime Institute

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