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**Work Experience**

**Associate Director of Technical Services/Project Specialist**

University of Arkansas Pine Bluff, AR

September 2006 to May 31st 2016

Highly accomplished technology executive with experience in enterprise-wide technology consolidations, infrastructures, innovations, operations, security, services and transformation with background in education, consulting, and health care industries.

**Select Accomplishments:**

* **$1 million** operational budgets and **$2 million** capital budget controlled.
* Lead **$280k** project to implement Dedicated Research Network (DRN) for National Science Foundation.
* **$100k** in annual saving recovered by revisiting infrastructure related vendor contracts.
* **$1.5 million** in operational cost saved by consolidate four data centers into one state-of-the-art virtualized, highly available and redundant center on an extremely aggressive schedule.
* Implemented network and server infrastructure security with Fortinet, Extreme Network, and Microsoft System Center Configuration Manager 2012R2. **All servers and appliances are virtualized**. University saves **$150k** annually with equipment and maintenance cost.
* Responsible for annually **IT security audit** and **compliance audit**. Report the result directly to University of Arkansas System and State of Arkansas.
* Performed analysis and benchmarking of various **ERP systems** for the university. Made proposal for ERP solution that provides the most effective outcome for the university by replacing three non-integrated systems with one completely integrated solution.

As project specialist, responsible for design, implement, configuration and maintain **$2.5 million** campus network equipment including 400 of 802.11n dual bands of wireless access points and provide various resource access for **5000 users** on campus.

* Served as lead project manager for campus wide network deployment. Upgrade campus network and fiber optics from **Cisco 6509 core switches** and **380 of Cisco 3750** to **Enterasys S8** and **C5K125**.
* Designed, Implemented, and maintained Microsoft Server 2012R2 **Active Directory** infrastructure, **Exchange 2013, DNS, DHCP, WSUS, SCCM**, **MS SQL, SAN storage** and **DPM backup solution**. All servers are virtualized with Microsoft Server 2012R2 Hyper-V virtualization technology.
* Designed, implemented and managed **Virtualization technology** on campus using **Microsoft Hyper-V and VMWare**.
* Responsible and secure **campus network security** such as **firewall, email spam filter, VPN, and NAC (Network Access Control)**. All appliances are virtualized.
* Lead team of desktop support technicians to upgrade and maintain **2000+ of Windows 8.1 desktops** on campus by utilizing Microsoft System Center Configuration Manager 2012R2 to manage those desktops.
* Designed and configured **enterprise wireless solution** with Network Admission Control (NAC) for 5000 users with Bring Your Own Device concept (BYOD).
* Managed and supported **NCR Point of Sale system** for hospitality vendors on campus.

**Independent IT Consultant**

Little Rock, AR

January 2010 to May 2016

Provided completed IT solution with different level of budget for dentists in Little Rock area. The solution is range from server, **SAN storage**, desktop, laptop, wireless, security, **MS SQL**, LAN/WAN, and VPN. The solution must comply with **US Health Insurance Portability and Accountability Act (HIPPA)**.

**Network Engineer**

Southern Arkansas University Tech, Camden AR

February 2003 - August 2006

* Installed and configured various Cisco routers and switches supporting campus network.
* Implemented access lists for allowing/blocking desired traffic.
* Performed IOS upgrades on Cisco routers and switches.
* Supported and troubleshoot various desktops, laptops, network and servers.

**Education**

**Bachelor of Science in Computer Science and Information Systems**

University of Central Arkansas, Conway AR

**Certifications**

Cisco Certified Network Professional (CCNP) | Microsoft Certified Solution Expert (MCSE)

Extreme Certified Specialist - Network Admission Control (NAC)| Extreme Certified Specialist - Switching NMS | Enterasys Certified Expert - Network Security

**Technical Skills**

Network Technologies: LAN/WAN Architecture, TCP/IP, **VPN**, **VLAN**, VTP, **NAT**, RSTP, PVST, and MSTP.

Routing Protocols: RIP, **OSPF, EIGRP, BGP**, and multicasting. Operating Systems: Windows 8, 8.1, 10, Cisco IOS, **Microsoft Exchange 2007 to 2013**, **Hyper-V**, and **VMWare**