

Jason H. Sands

jason.sands@gmail.com

Summary

As a committed IT professional, I bring to the table a wealth of management experience and a deep understanding of intricate technological systems. My problem-solving abilities are complemented by my excellent written and verbal communication skills. My goal is to enhance your existing team by applying my skills and experience to drive the company's progress. I plan to achieve this through innovative IT solutions, underpinned by my strong analytical abilities.

Education

- Southern Arkansas University, Magnolia, Arkansas, August 1997 to December 2005
 - Bachelor of Business Administration

Skills

- Environments: Microsoft 365 SMB/Enterprise, Google Workplace, Linux (multiple editions), SCO, BSD, MacOS 9+, NT 4.0 to Windows Server 2022, DOS 4+, Windows 3.0 to Windows 11, Active Directory, Exchange, WSUS/SCCM, 365, Azure, Intune, Defender, Autopilot, Imaging, OpenOffice, LibreOffice, Debian
- Intrusion detection, firewall, internet traffic regulation (proxy), and virus software implementation. Cisco Email Security, Proofpoint Essentials, pfSense, and IPFire.
- Certification: CompTIA A+ COMP105097949.
- Certified in all Arkansas WAGE categories.
- Project management.

Professional Experience

System Administrator and Cybersecurity Engineer, Timber Country Networks, Magnolia, Arkansas, December 2005 to present.

- Project manager for deploying five new public safety radio system sites, including managing the public bid.
- Project manager for deploying radio/dispatch console, including managing the public bid.
- GNU/Linux Debian (Ubuntu based on Debian) servers since 2012. Debian server uptime of over 3 years.
- GNU/Linux Debian/Ubuntu/Mint/Kali desktop since 2008 (ubuntu 8.04)
- Install, configure, and maintain Veeam Backup & Recovery Community Edition.
- Synology deployments and backing up of Microsoft 365/Google Workspace.
- Integrations for 3-2-1 backup completion.
- WSUS and SCCM integrations.
- Install, configure, and maintain Macrium Site.
- Install and configure Zello for Work Two-way Radio (LMR) integrations.
 - Investigated and documented vulnerabilities and provided them to Zello.
 - Create proof-of-concept scenarios for vulnerabilities.
- FM Radio station sole IT/IS – online 24/7.
 - Create threat assessments for vendors and work with external vendors on vulnerabilities.
 - Create and enact multi-level disaster recovery plans.
 - Implement security at multiple levels.
- NIST Cybersecurity Framework.
- Safeguards completion for customers.
- HIPAA completion for customers.
- Convert customers to Microsoft 365/Zoho while developing and implementing TFA/MFA plans.
- Deploy Proofpoint Essentials to meet HIPAA and Safeguards compliance requirements.
- Install and configure firewalls and unified threat appliances and open-source firewalls.
- Install and configure several types of anti-virus and sub-elements including sitewide consoles.

System administrator, JTS Financial Services, Little Rock, Arkansas, July 2022 to August 2023

- Systems Administrator, IT purchases, and IT expense management and reduction.
- Work with C-levels daily. Attend, provide input, and provide reports for C-level meetings.
- Provide cybersecurity/security recommendations. Implement as approved.
- Reduction of software expenses through eliminations, negotiations, and alternative software.
- Kandji SME: created and provided scripts to Kandji, Atera, and Cisco Umbrella.
- Microsoft 365: Intune, Autopilot, Endpoint, Defender, Compliance, MFA, created baseline and tested.
- Built first custom images decommissioning time and cost consuming out-of-box process.
- Vulnerability management through risk assessment using Intune, Defender, Atera, and Cisco.
- Automation through PowerShell scripting.
- Virtualization of existing machines.
- Parallels deployment.
- DNS and DHCP administration and tuning.

Computer Engineering Technology Instructor, Southern Arkansas University Tech, Camden, Arkansas, November 2019 to June 2022

- Create new network clients and network server programs using creative courseware with no budget.
- Create and implement security week in network server class using creative courseware with no budget.
- Oversee the ordering of supplies and equipment for CE department and maintain up to date inventory.
- Create basic threat assessment and supply to administration.

Tools Development Support, ComResource, Columbus, Ohio August 2011 to July 2019, 94% remote

- Sole server and network administrator for departmental servers within the server blade.
 - Worked with cloud vendors on security, support, upgrades, pricing, and other various tasks.
 - Performed security assessments of servers, third party software, and departmental software.
 - Worked with internal security team on vulnerabilities found and worked with vendors to patch them.
 - Test applications and abilities to crash the applications and operating system.
- Development and Support Team Lead / Liaison with external developers.
 - Created proof of concept scenarios for internal and external customers.
 - Test and validate releases of software and report results with the developers.
- Collaboration and Coordination.
 - Collaborate with many departments, organizations, diversities, and time zones.
 - Communicate, collaborate, and coordinate with customers to eliminate challenges.
- Technical sales capacity delivering a high percentage of renewals.

Senior Field IT Analyst-Project Manager- Acquisition Coordinator, USA Drug, Little Rock, Arkansas - August 2009 to January 2011

- Researched, implemented, and maintained Hyper-V server.
- Kaspersky Anti-Virus Administrator - sole administrator for three anti-virus servers and 2500 clients.
 - Moved enterprise from mixture of McAfee and Symantec to Kaspersky.
 - Active Directory Domain and Exchange Administrator created and enhanced GPOs.
 - Researched and shadowed the installation and configuration of Cisco IronPort.
- Researched and implemented Windows Server Update Services administrator (WSUS)
- Updated lab environment with new procedures and equipment.
- Assisted with local IS help desk support.
- Created, maintained, and updated documentation.

Volunteer Experience

Advisory Board, FBI Little Rock Citizens' Academy, June 2014-present

- Social media administrator.
- Assist coordinator and board.
- Microsoft 365 Administrator
- Google Workspace Administrator

Program Committee, InfraGard Arkansas Members Alliance (IAMA), Jun 2013 – April 2020 (Covid)

- partnership between the FBI and the public and private sectors.
- help create the agenda for the quarterly meetings.

President, Mt Vernon Fire Department, Waldo, Arkansas, August 1993 to present.

- Fire Chief – August 2001 – February 2010
- President May 2022 – current
- Manage 5 – 10 projects at one time.
- Oversee day-to-day operations and Fire Chief.
- Oversee, train, instruct, and direct 18 firefighters.
- Grants, grants, and more grants.
- Microsoft 365 Administrator
- Google Workspace Administrator

IT Technical Lead, Columbia County Firefighter's Association, Magnolia, Arkansas

- Project manager for deploying five, new public safety radio system sites, including managing the public bid.
- Project manager for deploying a new dispatch console system and managing the public bid.
- Create Zello and Zello for First Responder PPToC applications.
- Maintain 53 Zello for First Responder channels, 29 gateways, and admin for 290+ users and 6 counties.
- Pioneer county wide e-mail system between 16 departments
- Improve county wide communication with zone voters, Who's Responding, TTD and Zello
- Researched, led, and drove the move from Who's Responding to TextMeOut saving \$3,600 per year.
- Google Workspace Administrator
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