Jake Hempel

✉ mail@jakehempel.com 🌐 jakehempel.com 🔗 jake-hempel

Experience

SPS Technologies (Precision Castparts Corp) – Systems Administrator/Network Administrator [April 2021 - Current]

- Oversee all IT operations and projects for two 24/7 facilties, supporting 500+ endpoints and 40+ servers hosting mission critical factory applications.
- Utilize Splunk, Solarwinds, Lansweeper, as well as other SIEM and monitoring software to identify and fix security vulnerabilities.
- Ensure IT department is compliant with internal SOX auditing and information security policies.
- Member of division LAN team; conducting routine network engineering tasks, maintaining SolarWinds network inventory, and participated in corporation wide network segmentation effort utilizing Wireshark packet capture software.

PTS Data Center Solutions – Jr. System Administrator [August 2019 - April 2021]

- Oversaw the IT operations of 4 SMB's, with mixed Windows, Linux, and VMWare vSphere environments.
- Primary security engineer, worked under guidance of information security partner to remediate vulnerabilities and conduct incident response as primary company contact.
- Ensured compliance with backup SLA's for all customers via Veaam Backup and Replication.
- Provided tier 3 help desk support for customers troubleshooting server and desktop issues.

Passaic County Prosecutor's Office – Homeland Security and Intelligence Unit [May 2018 - August 2018]

- Conducted open source intelligence gathering on behalf of the unit.
- Developed and implemented internal case docket management system utilizing Drupal CMS.
- Assisted Urban Area Security Initiative with developing a training platform utilizing Moodle LMS.

Rutgers Digital Classroom Services – Build Team/Support Specialist [April 2017 - May 2019]

- Following wiring diagrams, ensured all components were properly connected and tested, as well as spliced custom cables.
- Assisted with two summer wide infrastructure overhauls for all 5 of Rutgers New Brunswick's campuses, being involved with over 80 podium demolitions and reconstructions.
- Provided campus-wide end-user technical support and training for DCS podiums in 5 lecture halls.

Education

University

Rutgers University - New Brunswick, NJ
Major Information Technology and Informatics
Minor Critical Intelligence Studies minor
September 2015 – May 2019

Certifications

Juniper Networks JNCIA
FCC Amateur Radio Technician

Skills

Infrastructure

Operating Systems Windows, Windows Server (2008, 2012, 2016, 2019), Linux (Debian, Ubuntu, Kali, Raspian, CentOS), Unix, macOS, Android

Server Software Apache2, Nginx, Samba, Active Directory, Microsoft Exchange, Dell Wyse Management Suite

Virtualization vSphere Suite (ESXI 6.0-7.0, vCenter, vCloud Director), VMware Horizon, VirtualBox, Docker

Networking Juniper(Junos OS, EX Series switches, SRX Firewalls), pfSense, OpenWrt

Software

Applications Microsoft Office Suite, Git, PuTTY/SSH, Wireshark, Microsoft Deployment Toolkit, Veeam Backup and Replication, Splunk, Lansweeper, SolarWinds, Nessus, Ansible

Content Management Systems WordPress, Drupal, Moodle, Jekyll

Scripting and Programming Python, Bash, PowerShell, Java, C++, HTML, CSS, Markdown, XML, LaTeX

References available upon request.