Josh Noll

LinkedIn: https://www.linkedin.com/in/joshrnoll
GitHub: https://www.github.com/joshrnoll

Summary

Experienced Data and Information Systems Engineer with extensive experience designing, deploying, and managing scalable cloud infrastructure. Proficient in managing Microsoft Azure environments, automating tasks using Ansible, PowerShell, and Bash. Experience working with technologies like Docker, Linux, and Git. An Army officer with a strong technical foundation and a passion for open-source software and innovation.

Experience

DATA AND INFORMATION SYSTEMS ENGINEER | US ARMY | NOVEMBER 2021 – PRESENT

- Democratized the organization's data by collaborating with cross-functional teams to develop an AI search application using Azure Machine Learning and Azure AI Search.

- Enabled secure access to required administrative resources by deploying Azure Virtual Desktop to a development environment.

- Enabled the unit to successfully complete 3 major training exercises and a rotation to Europe by installing and configuring mission command servers on VMWare ESXi and vSphere.

- Increased weekly ticket throughput by 100% through automated, SharePoint-based tracking system and automation through a custom PowerShell module.

EXECUTIVE ASSISTANT | US ARMY | FEBRUARY 2020 – JANUARY 2021

- Facilitated collaboration between technical teams and executives to ensure clarity and alignment of objectives. Resulted in the successful publishing of the US Army Arctic Strategy.

PLATOON LEADER | US ARMY | MARCH 2019 – FEBRUARY 2020

- Coordinated the use of mechanized platforms and communications systems to accomplish objectives. Contributed to the unit's success in 5 training exercises.

Projects

- Deployed a static website to an Azure storage account with a custom domain and HTTPS through Azure CDN and Cloudflare proxy. (https://www.joshrnoll.com)

- Automated the deployment of homelab services through custom Ansible roles. Deployed Docker containers with peer-to-peer mesh networking via Tailscale. (https://github.com/joshrnoll/ansible-playbook-homelab)

- Developed a custom PowerShell module that increased service desk efficiency. Reduced the time to close user creation tickets by over 50%. (https://github.com/joshrnoll/BAT)

Education

M.A. - INFORMATION TECHNOLOGY MANAGEMENT	**WEBSTER UNIVERSITY**	**MAY 2021**
INFORMATION SYSTEMS ENGINEERING COURSE GRADUATE	**US ARMY CYBER CENTER OF EXCELLENCE**	**OCTOBER 2021**
B.A. – GERMAN & LANGUAGE STUDIES	**UNIVERSITY OF WISCONSIN – EAU CLAIRE**	**MAY 2017**

Certifications

- ISC2 Certified Information Systems Security Professional (CISSP)
- Cisco Certified Networking Associate (CCNA)
- Microsoft Azure Administrator Associate (Az-104)
- Microsoft Azure Fundamentals (Az-900)
- CompTIA Security+
- CompTIA Network+
- CompTIA Project+
- AWS Cloud Practitioner (expired June 2024)

Technologies

- Ansible
- Python
- Docker
- Linux
- Git / Github, Gitlab & Gitea
- PowerShell
- Windows Server
- Microsoft Azure
- VMWare ESXi and vSphere

Skills & Abilities

Briefing executives | Project leadership | Tactical & strategic problem solving