

JOHN HENDERSON

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PROFESSIONAL SUMMARY

Engineer with 2+ years automating patch management and vulnerability remediation in enterprise environments. Recent Cum Laude B.S. in Cybersecurity (Wichita State University, 2025) with hands-on AWS, Kubernetes, and CI/CD experience across professional roles and self-directed projects. Proven ability to build, secure, and maintain cloud and on-prem infrastructure.

TECHNICAL SKILLS

- **Infrastructure & Admin:** VMware, Proxmox, Linux, Windows Server, Active Directory, network security, patch management
- **Cloud:** AWS (Cloud Practitioner certified), pursuing AWS Solutions Architect
- **Programming & Automation:** Python, PowerShell, Bash, SQL
- **CI/CD & Containers:** GitHub Actions, Jenkins, Git, Docker, Kubernetes, CI/CD pipeline security
- **Application Security:** Ethical hacking, penetration testing, OWASP Top 10, OWASP ZAP, Burp Suite

PROFESSIONAL EXPERIENCE

Help Desk Analyst Level II | [Textron Aviation](#) — Wichita, KS | *Jun 2023 – Present*

- Implement automated patch management and vulnerability remediation workflows maintaining 99.5% security compliance across all supported systems.
- Automate infrastructure tasks using PowerShell and Bash across Windows and Linux environments, reducing manual effort and configuration drift.
- Resolve high-priority tickets within SLA through systematic root-cause analysis and runbook optimization, improving time-to-resolution and service reliability.
- Enforce consistent security standards across enterprise systems through proactive monitoring and remediation cycles.

Software Developer Intern – Tools & Automation | [NetApp](#) — Wichita, KS | *Jun 2022 – Jun 2023*

- Provisioned a K3s Kubernetes server in an air-gapped environment to host secure internal automation tooling.
- Built and maintained CI/CD pipelines using Jira, Docker, Jenkins, and Git for Python-based ONTAP network storage testing and verification.
- Developed automation scripts that reduced manual testing overhead and improved deployment reliability.

Real Estate Investor | [Self-Employed](#) — Wichita, KS | *Apr 2016 – Dec 2021*

- Built and administered a full marketing website generating SEO-driven inbound leads through digital advertising and content.
- Managed end-to-end project life cycles including budgeting, contractor coordination, and timeline tracking — translated directly to current project management and operational work.

Senior Technical Specialist | Xerox — Wichita, KS | Jan 2000 – Apr 2016

- Diagnosed complex electromechanical and software faults in enterprise imaging systems using detailed signal flow and systems analysis — a methodology now applied directly to infrastructure and software debugging.

KEY PROJECTS

- **Website Migration (ksbigbass.com):** Migrated WordPress site to containerized Hugo deployment on DigitalOcean via Docker Compose and Nginx reverse proxy. Focus: cloud management, containerization, security hardening.
- **Homelab Infrastructure:** Built 3-node Proxmox cluster running Kubernetes and Nextcloud for container orchestration and self-hosted cloud services. Focus: Linux networking, VM management, cluster administration.
- **Docker Deployment Pipeline (curbies.net):** Developed full-stack site with containerized GitHub Actions pipeline for build, test, and deploy stages including security scanning. Focus: cloud deployment, SDLC, CI/CD.
- **Reddit Data Scraper:** Python tool integrating Reddit API to collect and analyze stock symbol mentions. Focus: API integration, web scraping, automated data processing.
- **Penetration Testing (NICE Challenge & DVWA):** Completed NICE Challenge Project scenarios (NIST NICE Framework) and DVWA testing covering SQLi, XSS, CSRF, command injection using Burp Suite and OWASP ZAP.

EDUCATION & CERTIFICATIONS

B.S. Cybersecurity — Wichita State University, 2025 (*Cum Laude*)

A.A.S. Software Development — Butler Community College, 2022

AWS Certified Cloud Practitioner | *Pursuing: AWS Solutions Architect*