

Joseph Conklin

Bentonville, AR | 479-295-8086 | joewayne30@gmail.com | [https:// www.linkedin.com/in/josephwconklin47](https://www.linkedin.com/in/josephwconklin47)

Profile Summary

Cybersecurity Professional with hands-on experience in vulnerability assessment, penetration testing, network monitoring, and incident response. Skilled in identifying security risks, analyzing network traffic, and implementing defensive security measures using industry-standard tools such as Nmap, Metasploit, Wireshark, and SIEM platforms. Bringing strong technical troubleshooting, operational discipline, and problem-solving skills from 10+ years in aviation maintenance and military service. Seeking roles in cybersecurity operations, SOC analysis, or security support.

Certifications

- **CompTIA Security+** (October 2026)
- **NGT Cyber Security Associate (NCSA)** (March 2026)
- **NGT CyberSecurity Specialist Program** (April 2026)
- **Full Stack Network Associate (FSNA)** (January 2026)

Technical Skills

- **Cybersecurity & Network Security:** Cybersecurity Ecosystem, Threat Actors, Attack & Defense Strategies, Risk Assessment, Vulnerability Analysis, Incident Response, Digital & Memory Forensics, Security Hardening, Penetration Testing, Intelligence Reporting, OSINT, Encryption Protocols (SSL/TLS, IPsec), Secure Access (SSH), IoT Security, Mobile Application Security, Cloud Security, Firewalls, IDS/IPS, VPNs, ACLs
- **Network Design & Fundamentals:** LAN/WAN, VLANs, TCP/IP, OSI Model, IPv4/IPv6, Routing Protocols (OSPF, EIGRP, BGP), DNS, DHCP, QoS, SNMP, Syslog, Network Troubleshooting & Monitoring, Virtualization Technologies (VMware, VirtualBox)
- **Compliance & Risk Management:** Security Policies & Procedures, Security Team Roles, Auditing, Presenting Security Solutions, Regulatory Standards: GDPR, HIPAA
- **Tools & Technologies:** Nmap, Hydra, Hashcat, Snort, Wireshark, Scalpel, Volatility, Sysinternals Suite, Metasploit, SIEM Systems, Linux CLI, PowerShell, Cisco IOS, Packet Tracer, Kali Linux, VMware, VirtualBox
- **Program & Scripting:** Python, PowerShell

Technical Projects & IT Experience

October 2025 – April 2026

Cybersecurity Analysis

- Monitored network traffic using Wireshark to detect anomalies and security threats
- Strengthened security posture with firewalls, VPNs, ACLs, and encryption protocols
- Conducted vulnerability assessments using Nmap, identifying exposed services and unauthorized access points

Ethical Hacking and Penetration Testing

- Executed penetration tests on vulnerable environments, simulating advanced persistent threats
- Identified XSS, CSRF, and SQLi vulnerabilities and documented remediation plans
- Used Metasploit and Kali Linux to demonstrate exploitation techniques and patch

strategies

Education

Full Stack Network Associate and Cyber Security Accelerator, NGT Academy

October 2025 – April 2026

- Intensive program covering cybersecurity fundamentals and advanced topics
- Completed 25 virtual labs on network security, ethical hacking, and incident response
- Hands-on experience with industry-standard tools such as Nmap, Metasploit, Wireshark, and Kali Linux

Associate of Applied Science in Aviation Maintenance, University of Arkansas-Pulaski

Technical College *December 2012 – December 2014*

- Intensive program covering General aviation mechanics, including the physics of flight, Powerplant (both turbine and propeller-driven aircraft).
- The program was 5 semesters long with many hands-on projects including safety wiring, engine removal, and replacement. Proper jacking of Aircraft.
- Earned and Associate of Applied Science degree graduated with a 3.76 GPA

Professional Experience

Aircraft Mechanic

January 2015-present

- Over ten years of experience as an Aircraft Mechanic working for leading aviation companies, including Bombardier–Learjet, Textron Aviation (manufacturer of Cessna, Beechcraft, and Hawker aircraft), and Envoy Airlines (part of the American Airlines Group).
- Performed inspections, troubleshooting, repairs, and system checks on a wide range of aircraft platforms.
- Worked with multiple Maintenance, Repair, and Overhaul organizations performing periodic inspections, component replacements, and full aircraft overhauls.
- Ensured compliance with FAA regulations, safety standards, and manufacturer maintenance procedures.

Military Experience

United States Air Force Reserve

Air transportation Journeyman

April 2005 – May 2015

- Planned and coordinated cargo and passenger loads for military airlift missions.
- Calculated the center of balance and ensured proper weight distribution for safe aircraft operations.
- Transported cargo and passengers to and from military aircraft while maintaining strict safety and security protocols.

United States Air Force*Vehicle Operator*

November 2000-May 2015

- Operated a variety of Material Handling Equipment, including forklifts, tractor-trailers, front-load tractors, and buses
- Provided reliable ground transportation support for two F-16 Fighter Squadrons, ensuring on-time movement of personnel and equipment.
- Supported transient aircraft operations by delivering timely and dependable transportation services. .