Nathan I. May

EMAIL | PHONE NUMBER | linkedin.com/in/nathanmaycyber | United States, Texas

Systems Architecture | Cyber Operations | Infrastructure Engineering | Business Continuity & Resilience | Artificial Intelligence & Automation

github.com/bobbymayyy

Technical leader with 10+ years of experience designing, integrating, securing, and sustaining enterprise technology environments supporting national-level operations. Experience spans systems architecture, cyber operations, infrastructure engineering, business continuity, cloud platforms, and artificial intelligence initiatives. Proven record of developing boutique solutions, leading cross-functional teams, and transforming complex operational requirements into resilient, scalable capabilities.

Security clearance: TS/SCI with CI Polygraph

EXPERIENCE HIGHLIGHTS

CYBER OPERATIONS & ENGINEERING

- Developed boutique tools, automation, and analytical processes supporting mission-critical cyber operations.
- Conducted cyber threat analysis, vulnerability assessment, and remediation activities to strengthen enterprise security.

LEADERSHIP & PROCESS OPTIMIZATION

- Led technical teams and improved workflows, documentation, and knowledge transfer practices to enhance operational effectiveness.

RESEARCH, PROTOTYPING & INNOVATION

- Evaluated emerging technologies and developed proof-of-concept solutions across cybersecurity, infrastructure, artificial intelligence, and automation.

SYSTEMS INTEGRATION

- Designed and integrated secure platforms and tailored technical solutions supporting analytics, decision-making, and mission execution.

PROFESSIONAL EXPERIENCE

U.S. Army **Georgia | Oct 2020–Present**

Cyber Operations Specialist | Systems Integration Lead Developer

- Designed and implemented cyber capabilities supporting enterprise-scale defensive operations, improving visibility into host and network activity by 70%.
- Developed bespoke automation and analytical tooling that reduced manual effort and accelerated threat investigation workflows by 98% over multiple iterations.
- Led cross-functional teams through cyber operations, systems integration, and process improvement initiatives recognized through multiple military awards.
- Supported mission-critical infrastructure and cybersecurity platforms protecting sensitive government information systems.
- Architected a hybrid intelligence and cybersecurity platform incorporating artificial intelligence technologies, enabling scalable data processing, advanced analytics, and secure operational collaboration.
- Translated operational requirements into scalable technical solutions through the evaluation, prototyping, and integration of emerging technologies and enterprise platforms.

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SWBC **Texas | Nov 2019–Aug 2020**

NOC Analyst

- Monitored enterprise infrastructure and operations platforms to identify service disruptions, performance degradation, and potential security incidents.
- Investigated and escalated operational events, supporting rapid remediation and minimizing business impact.
- Improved operational workflows and documentation processes, increasing consistency and reducing response times across NOC functions.
- Collaborated with engineering, security, and infrastructure teams to maintain availability of critical business.

ADDITIONAL CYBERSECURITY EXPERIENCE

CyberPatriot Competitor & Team Leader **Texas | Sep 2014–May 2018**

- Conducted Windows and Linux system hardening activities aligned with security baselines and compliance requirements.
- Led my own team for 3 years to identify and remediate vulnerabilities through secure configuration management and operating system hardening.
- Applied governance, risk, and compliance principles to improve system security posture.
- Performed defensive cyber operations exercises focused on threat detection, incident response, and system protection.
- Implemented security controls consistent with STIG-inspired hardening methodologies.

PROFESSIONAL DEVELOPMENT

Project Management Institute — *Project Management Professional (In Progress)* **Projected Fall 2026**

U.S. Army — *Basic Leadership Course* **2025**

SANS Institute — *GIAC Cloud Security Threat Detection (Class)* **2023**

SANS Institute — *GIAC Cloud Security Essentials (Class)* **2023**

U.S. Army— *Cyber Common Technical Core 99%* **2022**

U.S. Navy / NSA — *Joint Cyber Analysis Course 97%* **2021**

CERTIFICATIONS

CompTIA — *SecurityX (formerly CASP+)* **2026**

Amazon Web Services — *Solutions Architect Professional* **2026**

SANS Institute — *GIAC Machine Learning Engineer* **2026**

Disaster Recovery Institute International — *Certified Business Continuity Professional* **2025**

Palo Alto Networks — *Certified Network Security Engineer* **2024**

Microsoft — *Microsoft Certified: Azure Fundamentals* **2023**

AWARDS

Army Commendation Medal — *Systems Integration Lead Developer (Implementation of boutique solutions.)* **2026**

Army Achievement Medal x3 — *Systems Integration Lead Developer / Host & Network Analyst* **2023**