

Matthew Nico

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Achievements:

Systems Architect Professional completed a Bachelor's in Science focus to Business Administration and IT. Prior-service Cyber Transport Technician, Cyber Warfare Defender motivated to hone my wide variety of skills and expertise in Network Engineering, Contract Management, AI/ML Architecture, Cyber Security Systems, Software Development, and Hybrid Cloud-based Operations. Taking pride in being a versatile Cloud Solutions Architect experienced and specialized in technologies such as Microsoft Azure, Amazon Web Services, VMware, IP networking systems, and government security and compliance. Honing skills in software development, networking within systems to include Juniper, Avaya, Brocade, and Nortel networking and software systems accumulating of over 12+ years of information technology driven experience with a strong background of on-premise and cloud network fundamentals, troubleshooting, security focused principles, and life cycle management, 5+ years of implementing cloud-based technologies and developing expertise, since 2019.

Skills:

Scripting:

JSON, YAML, PowerShell, Linux, BASH, VBS, Python, Azure CLI, Boto3, AWS CLI, KQL

Operating Systems:

CISCO IOS, Dell IOS, Juniper IOS, Avaya IOS, Nortel IOS, Win10, Win Server 2019/2022, RHEL 8/9

Security:

RMF, NIST 800-37/53 rev 5/171, DODI 8510.01, Cyber Maturity Model Certification Process (CMMC), DISA STIGs, M-21-31 Logging Compliance

Cloud:

Multi-Cloud AWS/Azure: Networking, GoldAMI, APIs Architecture, Automation, Logging and Monitoring, AWS Identity Center (SCIM)-Azure AD, Custom Functions, Terraform, Storage, Security, Azure Networking, Azure Sentinel, Azure Lighthouse, Azure Virtual Desktop Management, Azure Entra ID

Professional Development:

Platform as a Service (PAAS), Infrastructure as a Service (IaaS), Software as a Service (SaaS), Contract Management, Amazon Web Services (AWS), Enterprise Solutions Architecture, Agile Project Management, Cloud Computing, Network Security, AI/ML Architecture Deployment

Cloud Programs:

CloudOne, PlatformOne, DAF CLOUDWORKS, C5ISC USCG Cloud Enterprise Infrastructure Services Division, CACI Generative AI Competition, CACI Altitude & Shift

Experience:

Cloud Strategy & Operations Manager: Cloud Operations Technical Lead

CACI International, Remote, Georgia

Sept 2023 – Present

- Lead cloud DevSecOps teams in providing Agile planning and technical solutions within Government Cloud Service Provider (CSP), guiding the enterprise community to develop policy for troubleshooting and repair critical systems.
- Lead the development of onboarding new-hires onto a CSP enterprise AWS/Azure/GCP/OCI program and integrating them within the team, developing SOPs, and retaining continuity within a multi-cloud/multi-contract CSP contract.
- Lead technical discovery sessions with federal customers to assess mission needs and define solution requirements.
- Architect IT solutions across compute, storage, networking, cybersecurity, and cloud platforms in alignment with government standards.
- Collaborate with sales executives to develop winning proposals, including technical designs, bills of materials (BOMs), and compliance documentation.
- Serve as the technical liaison between CACI International, OEMs, and federal customers throughout the pre-sales process.
- Prepare and deliver solution briefings, technical demonstrations, and whiteboarding sessions to technical and non-technical audiences.
- Support responses to RFPs, RFIs, and other acquisition documents with clear, compliant technical narratives.
- Stay up to date on OEM partner technologies, federal mandates (e.g., FedRAMP, Zero Trust, etc.), and acquisition trends.
- Mentor junior sales engineers and contribute to the development of internal solution templates and best practices.

Cloud Strategy & Operations Manager: Cloud Operations Technical Lead

CACI International, Remote, Georgia

Sept 2023 – Present

- Lead cloud DevSecOps teams in providing Agile planning and technical solutions within Government Cloud Service Provider (CSP), guiding the enterprise community to develop policy for troubleshooting and repair critical systems.
- Lead the development of onboarding new-hires onto a CSP enterprise AWS/Azure program and integrating them within the team, developing SOPs, and retaining continuity within a multi-cloud/multi-contract CSP contract.
- Lead successful execution of multi-cloud onboarding mission applications into production environments aligning enterprise networks, CSP IDAM, and resource deployments within multi-tenant accounts Government CSP Enterprise.
- Lead the delivery of enterprise customer onboarding, a custom cloud Gold AMI image with both Windows or RHEL operating systems, sustainment of Hybrid-Multi-Cloud Cisco Service Routers, logging and monitoring solution across a multi-cloud deployment between Azure and AWS, leading development within the enterprise as a CSP, and integrating autonomous techniques utilizing GitLab, Ansible, and Terraform.
- Lead technical resolution across multiple SCCA/SACA cloud systems and impact levels within the cloud community.
- Designed and deployed AI-powered solutions on AWS GovCloud and commercial AWS environments, including personal AI assistants, PII/PHI detection services, and compliance-driven automation frameworks leveraging AWS Bedrock, Lambda, Comprehend, and multi-agent orchestration.
- Supported CACI's internal GenAI-magine innovation competition by leading the design and prototyping of the AI Accelerator (A²) platform, a customizable agentic AI framework for cybersecurity and healthcare clients, producing tailored models, metrics reports, and deployment templates across AWS, Azure, and on-premises environments.
- Integrated generative AI and automation into cloud engineering practices, applying DevSecOps principles with GitLab pipelines, Terraform Enterprise, and Ansible Automation to accelerate secure deployments and provide repeatable AI-driven workflows for mission-critical cloud environments.
- Provided enterprise leadership on AI adoption strategies within secure cloud computing architectures (SCCA/SACA), aligning AI/ML frameworks with DoD/DHS security and compliance requirements while enabling innovation in automation, monitoring, and autonomous decision support.

Cloud Computing Infrastructure Architect: Senior Consultant

Booz Allen Hamilton, Warner Robins, Georgia

July 2022 – Sept 2023

- Managing infrastructure within a Cloud Service Provider, EC2, CloudFormation, Step Functions, and Lambda
- Collaborating with clients and skilled engineers to present network designs and cost allocations charts to provide cloud-based solutions for software development programs in the Intelligence Community.
- Designing, developing, testing, and debugging cloud solution components for applications and solutions.
- Providing technical support to engineers by training them on how to interpret client requirements and infrastructure architecture drafts within hybrid cloud environment to provide cloud-based solutions for ISR platforms and software.
- (Aug 2022 - Feb 2023) Customer Engagement Engineer Team, top-performer in creating a communication line between our Customer Engagement Team and other entities, whether that be a partner, vendor, or a customer, with information about the program and their cloud-based solutions, such as PaaS, IaaS, SaaS, and IaC assisting with gathering information to onboard COTS along with attending cloud conferences to improve client relationships.
- Maintained an agile workflow and created tracking system via JIRA/Confluence, serving as a Atlassian Administrator enabling automation in workflow processes and notifications systems via MatterMost.
- (March 2023 - Present) Enterprise Services Support Team, Cloud Developer, DAF CLOUDworks
- Utilize AWS Diode, Yum repo, Implementing STIG'ed RHEL/Windows AWS AMIs, Commercial Cloud Services (C2S-C2E migration)

Network Engineer: DLA Contractor

Sawdey Solutions Services Incorporated, Robins AFB, Georgia

August 2020 – July 2022

- Enforce new and existing DNS records to Cloud ICAM Team into Infoblox migrating to cloud based systems.
- Analyzes & maintain layer 2 network infrastructure to support voice, data, video, and wireless services to include newly developed technology such as 5G device, mobile stations, and VR headsets to improve delivery of products to the warfighter Operational Information: node addressing, server addressing, QoS, switchport level access controls and notification, streaming video IP protocols, Wireless LAN, IPv6 assessment and integration plan, 802.1x and 802.1s protocols and appliances, DNS/DHCP Servers, Network and Data Analyzers (Splunk)

Computer Clerk & Assistant: GS-09

Georgia Air National Guard - 116th ACW/CS, Robins AFB, Georgia

Nov 2017 – July 2020

- Planning and developing IT systems, LANs, installing, configuring, initializing and maintaining programs such as Layer 2/3 devices to protect systems from intrusions, threats and compromises

- Utilized VBS to run scripts across WAN/LAN to implement patch updates/hardening on CISCO devices to meet IA POA&M requirements (CISCO Catalyst 3750s,3850s, 6509)
- Maintained over 400 Switches to include Nortel, Avaya, and CISCO, over 40 servers, Avaya Phone System with 6100 extensions, Application based Firewalls, and Gen2 WAPs via Aruba Controller

Network Specialist, Mission Defense Team: SSgt

Georgia Air National Guard - 116th ACW/CS, Robins AFB, Georgia

Apr 2016 – Apr 2022

- Deploy various types of hardware and software to analyze and report data to the mission owner to provide mission awareness pitfalls and Cyber Information Assurance, functional mission analyses (FMA) and interact with operators of the weapon systems to find the most beneficial application of cyber protections to include aligning the cybersecurity platform utilized to defend the traditional weapon systems.

Education:

Bachelor of Science Business Admin & IT, April 2015

Microsoft Ignite Program, Feb 2019

A.A. in Information Systems, Aug 2021

Terraform for AWS, Aug 2022

Python PCEP Entry-level Programmer, July 2023

ENCC/CCNP Course CEUs, Jan 2024 AWS Adv

Networking Specialty Course, Oct 2024

AZ-900 Microsoft Certified Fundamentals, Nov 2024

Networking Core Knowledge Course, Jan 2025

AWS Partner Accreditation, January 2026

CCNA, Feb 2027

AWS Certified SA Associate, Feb 2027

Sec+ DoD 8570 IAT Level II Certified, Nov 2027

