

Nylah Campos

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SUMMARY

Cloud architect with eight years of experience designing, migrating, and operating secure enterprise infrastructure across AWS, Azure, and hybrid environments. Builds practical architecture assessments, migration plans, **Infrastructure as Code**, automation, and operational readiness for mission critical systems. Guides multidisciplinary teams through decisions involving compute, networking, identity, monitoring, resilience, and hybrid connectivity. Uses Terraform, CloudFormation, CDK, Ansible, PowerShell, Bash, and Python to create repeatable platform capabilities and support production operations. Active **Secret clearance** and **CompTIA Security+** certification support classified environments. Experience includes evaluating cloud services, resolving operational issues, mentoring engineers, and documenting **technical standards**. Brings a steady, collaborative approach that helps teams modernize securely while preserving reliability, governance, and business continuity.

EXPERIENCE

Senior Cloud Architect, Secure Cloud Modernization

June 2022 - Present

Blue Cedar Federal Solutions

Reston, VA

Leads secure AWS and Azure modernization for enterprise environments, guiding architecture decisions, migration planning, automation, operational readiness, and production support. Partners with engineers and stakeholders on resilient platforms, technical standards, and practical delivery choices.

- Led **AWS** and **Azure** architecture reviews, aligning migration plans with mission critical application needs.
- Built **Terraform** modules for repeatable **cloud** provisioning, improving consistency across secure environments.
- Automated operational workflows with **Ansible**, Python, Bash, and **PowerShell** for faster support.
- Mapped identity, networking, monitoring, and resilience controls into practical platform standards.
- Mentored engineers through modernization decisions, building shared confidence across technical teams.
- Documented production readiness criteria, helping stakeholders approve secure migration releases.

Cloud Solutions Engineer, Hybrid Migration

April 2020 - May 2022

Harbor Point Technology Group

Herndon, VA

Delivered hybrid cloud migration and **automation** initiatives across enterprise infrastructure, translating application requirements into platform designs, repeatable deployments, and dependable support practices. Coordinated engineering work across on premises and cloud resources while resolving operational issues.

- Assessed **on premises** workloads for AWS and Azure migration readiness and dependency risks.
- Created **CloudFormation** templates that standardized deployment patterns across hybrid application environments.
- Connected Ansible automation with PowerShell and **Python** workflows, reducing repeated administrative work.
- Partnered with application teams on compute, **networking**, identity, and monitoring design decisions.
- Resolved migration defects through focused testing, improving confidence before production cutover.
- Captured **technical standards** and runbooks that helped support teams manage new platforms.

Systems Engineer, Secure Enterprise Operations

August 2018 - March 2020

Potomac Secure Computing

Chantilly, VA

Supported secure enterprise systems operations across Windows and Linux environments, contributing to infrastructure stability, automation, troubleshooting, and operational documentation. Worked with technical teams on dependable services and controlled changes in security focused settings.

- Administered **Windows** and **Linux** systems supporting secure enterprise applications and user services.
- Investigated infrastructure incidents with **Bash** and PowerShell, restoring service through controlled changes.
- Applied Python scripts for repeatable administration tasks and cleaner operational handoffs.
- Supported network, **identity**, **monitoring**, and backup activities across protected computing environments.
- Reviewed system changes with engineers, reducing avoidable disruption during maintenance windows.
- Updated procedures and diagrams, giving support teams clearer paths through recurring issues.

Infrastructure Support Engineer, Enterprise Systems

September 2016 - July 2018

Capital Horizon IT Services

Arlington, VA

Provided infrastructure support for Windows and Linux systems, building early experience with scripting, troubleshooting, documentation, and service operations. Worked closely with users and senior engineers to resolve incidents and improve daily platform reliability.

- Supported Windows and Linux infrastructure through ticket triage, troubleshooting, and documented resolution steps.
- Used Bash and PowerShell scripts to simplify recurring support tasks for engineering teams.
- Investigated connectivity and access issues across enterprise systems, restoring user productivity quickly.
- Maintained system records and procedures that improved handoffs between support shifts.

- Coordinated maintenance activities with senior engineers, reducing surprises during scheduled changes.
- Explained technical issues clearly to users, building trust during service interruptions.

PROJECTS

Hybrid Mission Application Migration 📅 2025

Created a migration approach for mission critical applications spanning on premises resources, AWS, and Azure. Combined dependency assessment, Infrastructure as Code, identity planning, monitoring, and operational readiness into a controlled modernization path.

Secure Infrastructure Automation Framework 📅 2024

Built reusable Terraform, CloudFormation, Ansible, Python, Bash, and PowerShell patterns for secure enterprise operations. Focused on consistent provisioning, support handoffs, technical standards, and dependable production changes.

LEADERSHIP & AWARDS

- Recognized by engineering leadership for guiding secure AWS and Azure modernization decisions.
- Selected to mentor engineers through cloud architecture reviews and operational readiness planning.
- Earned stakeholder confidence through clear technical standards, migration documentation, and production support.

EDUCATION

Bachelor's Degree in Information Technology

2016

George Mason University GPA: 3.5

Fairfax, VA

Coursework: Cloud architecture, network security, systems administration, database management

CERTIFICATIONS

- CompTIA Security+ 📅 2024
- AWS Certified Solutions Architect, Associate 📅 2025

TECHNICAL SKILLS

- **Cloud Platforms:** AWS, Azure, OCI
- **Cloud Architecture:** GCP, hybrid cloud, enterprise cloud
- **Infrastructure as Code:** Terraform, CloudFormation, CDK
- **Automation Tools:** Ansible, Python, Bash
- **Microsoft Operations:** PowerShell, Windows Server, Active Directory
- **Linux Operations:** Linux, Bash, system administration
- **Migration Planning:** Cloud migration, dependency assessment, cutover planning
- **Security Controls:** Secret clearance, Security+, identity management
- **Network Services:** Hybrid connectivity, virtual networks, DNS
- **Monitoring Systems:** Cloud monitoring, logging, operational readiness
- **Architecture Methods:** Architecture assessment, technical standards, design reviews
- **Deployment Methods:** Provisioning, configuration management, production support

SKILLS

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|----------------------|------------------|--------------|--------------------------|
| • Cloud architecture | • GCP | • Ansible | • Infrastructure as Code |
| • AWS | • Terraform | • PowerShell | • Hybrid Cloud |
| • Azure | • CloudFormation | • Bash | • Cloud Migration |
| • OCI | • CDK | • Python | |

PROFESSIONAL AFFILIATIONS

- Active Secret clearance supporting classified cloud and enterprise technology environments.
- Collaborates with cloud engineers, application teams, security partners, and operational stakeholders.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST