

Jaylen Callahan

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SUMMARY

Cloud Engineer with nearly five years of hands-on Azure infrastructure experience, ready to bring practical ownership, calm incident response, and clear partnership to Northstar Digital Systems. Builds and supports **virtual machines**, storage, networking, **App Services**, backups, monitoring, security controls, and hybrid operations across development and production environments. Administers **Microsoft Entra ID** through users, groups, roles, SSO, RBAC, and access controls that support least-privilege access and audit readiness. Uses PowerShell, Azure CLI, Terraform, and Bicep for repeatable administration and infrastructure delivery. Partners closely with DevOps, Engineering, IT, and Security teams on deployments, **root-cause analysis**, runbooks, configuration standards, and cloud modernization. Eager to contribute in Denver while growing with a technology organization committed to long-term cloud transformation.

EXPERIENCE

Cloud Engineer

May 2024 - Present

Cobalt Ridge Technologies

Denver, CO

Own Azure infrastructure operations across production and nonproduction subscriptions, supporting virtual machines, App Services, storage, networking, backups, identity, monitoring, automation, and **infrastructure as code**. Serve as a senior partner for DevOps, Engineering, IT, and Security teams, connecting reliable platform delivery with service continuity, audit readiness, and controlled cloud change.

- Own Azure subscriptions supporting 40+ virtual machines, App Services, storage accounts, **virtual networks**, and backup policies across production and nonproduction environments.
- Standardized **Microsoft Entra ID** access reviews by aligning groups, administrative roles, SSO assignments, and RBAC scopes with application ownership for stronger quarterly security reviews.
- Built PowerShell and **Azure CLI** automation for VM provisioning, tagging, backup validation, and stale-resource reporting, reducing manual work across IT operations queues.
- Created **Azure Monitor** dashboards and alert rules for availability, performance, failed backups, resource health, and security signals, giving engineers earlier issue visibility.
- Led **root-cause analysis** for networking, authentication, and deployment incidents, coordinating corrective changes with DevOps, Security, and application owners.
- Converted recurring environment changes into peer-reviewed Terraform and Bicep modules, improving consistency across project teams and deployment stages.

Azure Systems Engineer

September 2022 - April 2024

Blue Mesa Commerce

Lakewood, CO

Managed Azure systems supporting a growing e-commerce platform, with responsibility spanning compute, storage, networking, App Services, identity, backup, monitoring, and release infrastructure. Combined hands-on administration with service desk enablement, incident diagnosis, and close delivery partnership with DevOps engineers.

- Administered **Azure virtual machines**, managed disks, **storage** accounts, load-balanced network segments, private endpoints, and App Services for a high-volume commerce platform.
- Reworked **Entra ID groups** and Conditional Access assignments for approximately 300 employees and contractors, supporting SSO adoption and least-privilege access.
- Implemented **Azure Backup** schedules, recovery-point checks, and restoration procedures for application servers and business-critical data stores.
- Investigated Azure Monitor, **Log Analytics**, and activity-log alerts, separating application faults from infrastructure and identity issues during incident response.
- Developed PowerShell runbooks for account cleanup, resource inventory, certificate checks, and controlled VM operations, giving service desk staff repeatable procedures.
- Partnered with DevOps engineers on release infrastructure, deployment slots, network security rules, and Terraform changes, validating updates in test subscriptions before production rollout.

Cloud Infrastructure Analyst

September 2021 - August 2022

HarborPoint Managed Services

Boulder, CO

Supported Azure environments for small and midsize clients under senior engineer guidance, handling routine **infrastructure administration**, monitoring triage, identity requests, backup checks, documentation, and controlled change windows. Built dependable operational habits through clear diagnostics, careful testing, and client-ready records.

- Supported **Azure virtual machines**, storage, virtual networks, backup jobs, and resource-group organization across multiple client environments.

- Triaged **monitoring** alerts and service tickets involving connectivity, capacity, failed **backups**, permissions, and VM availability, escalating issues with clear diagnostic notes.
- Used Azure CLI and PowerShell to collect inventories, apply approved tags, verify configuration changes, and complete routine administrative requests.
- Assisted Entra ID onboarding and offboarding by provisioning users, updating groups, assigning approved application access, and checking role-based permissions.
- Updated client-facing runbooks and configuration records for **networking**, recovery procedures, access requests, and common **Azure** incident patterns.
- Participated in change windows with DevOps and IT teams, testing infrastructure updates in lower environments and recording results for production approval.

PROJECTS

Azure Recovery Readiness Program 📅 2025

Built a recovery-readiness model spanning Azure Backup schedules, recovery-point validation, restoration procedures, resource ownership, and operational runbooks. Connected infrastructure checks with clear handoffs so engineers could act quickly during service disruption.

Entra ID Access Governance Refresh 📅 2024

Mapped users, groups, roles, SSO assignments, RBAC scopes, and Conditional Access decisions across a hybrid environment. Created a practical review flow that gave application owners clearer access accountability and stronger audit preparation.

Infrastructure as Code Delivery Framework 📅 2023

Created reusable Terraform and Bicep patterns for Azure networking, virtual machines, storage, App Services, tags, and configuration standards. Added peer review and test-subscription validation before production changes.

LEADERSHIP & AWARDS

- Azure Operations Recognition, Cobalt Ridge Technologies, 2025. Recognized for dependable incident leadership and clear corrective-action records.
- Service Reliability Award, Blue Mesa Commerce, 2024. Honored for improving backup validation, monitoring response, and release coordination.
- Technical Leadership Recognition, HarborPoint Managed Services, 2022. Selected for useful runbooks and steady client support during change windows.

EDUCATION

Bachelor's Degree in Information Technology

2021

University of Colorado Denver GPA: 3.7

Denver, CO

Coursework: Cloud infrastructure, Network administration, Information security, Systems analysis, Database management

CERTIFICATIONS

- Microsoft Certified: Azure Administrator Associate 📅 2023
- HashiCorp Certified: Terraform Associate 📅 2025

TECHNICAL SKILLS

- **Azure Compute:** Azure Virtual Machines, Azure App Services, Azure VM Scale Sets
- **Azure Storage:** Azure Storage Accounts, Managed Disks, Blob Storage
- **Azure Networking:** Azure Virtual Networks, Private Endpoints, Load Balancers
- **Identity Platforms:** Microsoft Entra ID, Microsoft Entra Groups, Microsoft Entra Roles
- **Access Controls:** RBAC, SSO, Conditional Access
- **Monitoring Systems:** Azure Monitor, Log Analytics, Activity Logs
- **Automation Tools:** PowerShell, Azure CLI, PowerShell Runbooks
- **Infrastructure as Code:** Terraform, Bicep, Configuration Standards
- **Backup and Recovery:** Azure Backup, Recovery Points, Restoration Procedures
- **Security Operations:** Cloud Security, Security Signals, Least-Privilege Access
- **DevOps Delivery:** Deployment Slots, Release Infrastructure, Test Subscriptions
- **Operations Documentation:** Runbooks, Configuration Records, Change Documentation

SKILLS

- Azure Infrastructure
- Virtual Machines
- Azure CLI
- Identity and Access Management

- Microsoft Entra ID
- Cloud Networking
- Azure Storage
- App Services
- Azure Monitor
- PowerShell
- Terraform
- Bicep
- Infrastructure as Code
- Root-Cause Analysis
- DevOps Collaboration

PROFESSIONAL AFFILIATIONS

- ISACA, Associate Member, 2024 - Present. Connects cloud operations with identity governance and security practice.
- Cloud Native Computing Foundation, Member, 2023 - Present. Exchanges practical ideas on automation, platform reliability, and delivery.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST