

Luka Berg

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SUMMARY

Associate Cloud Engineer with four years supporting **secure cloud** infrastructure, platform operations, customer delivery, and regulated defense programs. Active **Secret clearance** supports mission work, with eligibility for Top Secret and **Sensitive Compartmented Information**. Hands-on delivery spans AWS, Azure, Google Cloud, Terraform, Docker, Kubernetes, GitLab, ArgoCD, Jira, and Confluence. Builds repeatable **Infrastructure as Code**, cloud networking, RBAC, IAM, security groups, WAF controls, environment prototypes, and migration plans. Brings calm incident response during 24X7 on-call rotations, clear updates for distributed teams, and practical problem solving for internal stakeholders. Motivated by mission-focused engineering that improves reliability, security, efficiency, and customer confidence across secure cloud services.

EXPERIENCE

Cloud Engineer

January 2025 - Present

Ironwood Federal Technologies

Syracuse, New York

Owns secure AWS and Azure platform operations for 14 mission applications, guiding infrastructure delivery, release controls, customer support, and sustainment across distributed Agile teams.

- Standardized Terraform modules for AWS networking, storage, IAM, and Linux provisioning across 14 mission applications.
- Promoted Docker microservices through GitLab and ArgoCD, using peer review and controlled rollback procedures.
- Hardened **security groups**, network ACLs, private endpoints, and WAF rules with **information security** reviewers.
- Resolved 24X7 incidents through CloudWatch, **Azure Monitor**, and Linux logs, restoring **customer access** quickly.
- Tracked Jira dependencies and Confluence blockers across three distributed Agile teams, improving engineering handoffs.
- Prototyped migration environments, validated transfer integrity, and documented **sustainment** runbooks for **operations** personnel.

Associate Cloud Engineer

September 2023 - December 2024

Blue Mesa Systems Group

Albany, New York

Supported AWS and Azure development, test, and production accounts while delivering reproducible infrastructure, identity controls, container deployments, and customer-facing Agile operations.

- Resolved AWS and Azure infrastructure requests across development, test, and **production workloads** through documented procedures.
- Converted recurring environment builds into Terraform workflows with variable controls and review gates for auditability.
- Configured **AWS IAM**, **Azure AD**, and RBAC assignments using least-privilege access for application teams.
- Containerized two internal services with Docker and Kubernetes, documenting **health checks** and recovery steps.
- Investigated storage, network, Windows, and Linux issues with engineering and security stakeholders through Confluence.
- Presented sprint progress, **release readiness**, **blockers**, and maintenance risks during customer Agile ceremonies.

Cloud Operations Analyst

September 2022 - August 2023

Cedar Ridge Cloud Services

Rochester, New York

Monitored mixed Linux and Windows cloud operations for government program teams, supporting access changes, migrations, maintenance, incident communications, and service documentation.

- Monitored AWS and Azure health, access events, **storage** capacity, and **network** alerts for government teams.
- Executed approved account, security group, and IAM changes through ticketed workflows with review evidence.
- Updated **GitLab** deployment scripts and runbooks using branch controls and peer review before shared releases.
- Cataloged application dependencies and validated test transfers during **cloud migration** assessments for senior engineers.
- Verified service recovery during scheduled maintenance and after-hours escalation coverage using approved operational runbooks.
- Created **Jira** dashboards and **Confluence** articles clarifying incident trends, requests, and infrastructure queue ownership.

PROJECTS

Secure Multi-Cloud Migration Prototype 📅 2024

A stalled migration became a useful test bed. Prototyped AWS and Azure environments with Terraform, mapped application dependencies, validated data transfers, and documented decisions for dependable production planning.

Container Release Control Framework 📅 2023

A small deployment issue exposed a larger need for consistency. Built Docker and Kubernetes release patterns with GitLab, ArgoCD, health checks, resource limits, and rollback guidance.

LEADERSHIP & AWARDS

- Received Ironwood Federal Technologies Mission Support Recognition for dependable incident response and customer communication.
- Earned team recognition at Blue Mesa Systems Group for reproducible Terraform environments and clear operational documentation.

- Selected as a peer resource for cloud access reviews, migration planning, and distributed Agile delivery coordination.

EDUCATION

Bachelor's Degree in Information Technology
Rochester Institute of Technology GPA: 3.7
Coursework: Cloud Computing, Network Security, Systems Administration, Database Management, Agile Development

2022
Rochester, New York

CERTIFICATIONS

- CompTIA Security+ 📅 2023
- AWS Certified Solutions Architect - Associate 📅 2024
- Microsoft Certified: Azure Administrator Associate 📅 2025

TECHNICAL SKILLS

- **Cloud Platforms:** AWS, Microsoft Azure, Google Cloud
- **Infrastructure as Code:** Terraform, reusable modules, variable controls
- **Containers and Orchestration:** Docker, Kubernetes, health checks
- **Source Control and Delivery:** Git, GitLab, ArgoCD, Flux
- **Agile Delivery Tools:** Jira, Confluence, sprint ceremonies
- **Operating Systems:** Linux, Windows Server, shell scripting
- **Cloud Networking:** Network ACLs, security groups, private endpoints
- **Web Application Security:** WAF, hardened configurations, security reviews
- **Identity and Access:** RBAC, AWS IAM, Azure AD
- **Monitoring and Logging:** Amazon CloudWatch, Azure Monitor, centralized Linux logs
- **Migration Engineering:** Cloud adoption, environment prototyping, data migration
- **Development Methods:** Agile development, full life cycle development, peer review

SKILLS

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|-------------------|-----------------|----------|---------------------|
| • AWS | • Docker | • GitLab | • Confluence |
| • Microsoft Azure | • Kubernetes | • ArgoCD | • Cloud Networking |
| • Google Cloud | • Microservices | • Flux | • Agile Development |
| • Terraform | • Git | • Jira | |

PROFESSIONAL AFFILIATIONS

- Member, Armed Forces Communications and Electronics Association, supporting secure technology exchange and mission-focused engineering.
- Member, Cloud Native Computing Foundation community, following Kubernetes operations, delivery patterns, and platform reliability discussions.

LANGUAGES

- English (Native)
- German (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST