

Luka Berg

☎ (315) 555-0148 ✉ luka.berg.cloud@example.com 💼 linkedin.com/example/lukaberg 📍 Syracuse, New York 13202

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