

CAPABILITY SUMMARY

JUEM GLOBAL LLC delivers cloud platform engineering, DevSecOps, Terraform/IaC, and NIST/FedRAMP/RMF compliance engineering for Navy, DoD, and VA programs. Delivery follows regulated change control: merge requests with full Terraform plan review, staging first, production in an agreed window, and separate state, backend, and MR per environment.

CORE COMPETENCIES

- **EKS / Kubernetes platform engineering:** minor-version upgrades with Helm add-on compatibility audits (Karpenter, AWS LB Controller, ingress-nginx, ExternalDNS, External Secrets Operator); node AMI lifecycle; core add-ons (CoreDNS, VPC CNI, kube-proxy).
- **Cluster hardening:** private-only API endpoints; dedicated ingress-nginx controllers with their own IngressClass and SSL passthrough to limit blast radius.
- **CI/CD platform operations:** self-hosted GitLab on EKS and GitLab Runner; multi-hop upgrades through required stops; emergency critical-CVE remediation.
- **Terraform architecture and IaC governance:** tagged, version-pinned shared modules; per-environment state and backends; scripted migration verification.
- **Secrets and identity:** zero-plaintext secrets with AWS Secrets Manager and External Secrets Operator; IRSA with GovCloud regional STS audience; least-privilege IAM.
- **Certificate trust:** DoD PKI and RDS CA bundles injected into pods via init containers.
- **App platform migration to IaC:** Atlassian Jira/Confluence Data Center and RegScale (GRC) on EKS under Terraform and Helm.
- **Incident RCA:** DNS, network, IAM, and Kubernetes root cause across multi-account, hub-and-spoke AWS (Route 53 Resolver, private hosted zones, VPC interface endpoints).
- **STIG-hardened compute:** Windows Server 2022 and Linux via shared Terraform EC2 modules, PowerShell first-boot bootstrap, SSM validation.
- **Access lifecycle automation:** GitLab CI onboarding/offboarding with a rendered pre-merge diff as an audit trail.
- **Multi-cloud:** the same patterns on Azure (AKS, Key Vault, Entra Workload ID) and GCP (GKE, Secret Manager, Workload Identity).

FOUNDER TECHNICAL EXPERIENCE (KEY PERSONNEL)

Performed by founder Kyzito Ukah **as an employee of CACI International**, a prime contractor supporting U.S. Navy Military Sealift Command, AWS GovCloud (US-West), Dec 2024 to present. **Not JUEM GLOBAL corporate past performance**; no endorsement by CACI or MSC is implied.

- Upgraded the GovCloud EKS staging cluster from Kubernetes 1.32 to 1.33 in one controlled change. Hardened staging and prod API endpoints to private-only access.
- Led the self-hosted GitLab upgrade 18.5 → 18.11 → 19.3 with Runner 0.82 → 0.92 in lockstep, including emergency remediation of a CVSS 10.0 vulnerability on both environments.
- Consolidated environment roots onto a tagged shared module library and proved a clean init across all five environments. Caught plans that would have destroyed live resources before they were applied.
- Removed plaintext secrets from RegScale Helm values and moved them to Secrets Manager via External Secrets Operator and IRSA.
- Provisioned STIG-hardened Windows Server 2022 for the MyMSC Afloat Pilot and ShipCLIP app and DB tiers.

DIFFERENTIATORS

- **SDVOSB / VOSB**, available for set-asides and subcontracts.
- **GovCloud practitioner founder:** current production Kubernetes, CI/CD, and Terraform work in a regulated, partly air-gapped environment.
- **Compliance-first:** controls built into the platform (AC, CM, IA, SC, SI, AU, CP), with MR history as evidence.
- **Change safety:** full plan review, stop on unexpected destroys, escalation for IAM and prod.

FOUNDER CERTIFICATIONS

- AWS Solutions Architect
- AWS DevOps Engineer
- Azure Administrator
- Azure Solutions Architect
- CompTIA Security+
- CompTIA CySA+

TECHNOLOGY

EKS, EC2, RDS PostgreSQL, S3, EFS/EBS, IAM/IRSA, Secrets Manager, ACM, SSM, Route 53 Resolver, VPC endpoints · Kubernetes, Helm, Karpenter, ingress-nginx, External Secrets, ExternalDNS, CoreDNS · Terraform · GitLab CI/CD & Runner, Harbor · Bash, PowerShell · STIG Windows/Linux

NAICS

541512 (Primary), 518210, 519290, 541511, 541513, 541519, 541611, 541618, 541690, 541990, 561210, 611420, 611430

PSC

7F20 IT Management Tools/Products
7J20 Security and Compliance Products

COMPLIANCE & TEAMING

Security	Aligned to NIST SP 800-171 practices; pursuing CMMC Level 1 self-assessment
Teaming	Open to subcontracting with primes (Navy / DoD / VA)
Vehicles	None at this time; open to teaming / subcontracting

POINT OF CONTACT

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