

BRENDT MCFEELEY

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SKILLS

Languages	YAML, Python, JavaScript, Terraform, Terragrunt, Bash
Toolsets / Frameworks	Kubernetes, Docker, AWS, Helm, Flux, Packer, Linux, Git, GitLab CI/CD, ArgoCD, Grafana, Loki, Kiali, Prometheus, SonarQube, Twistlock

EXPERIENCE

RevaComm Inc., Honolulu, Hawaii

DevSecOps Engineer

July 2020 - Present

- Managed biweekly upgrades to a 9 kubernetes environments on AWS using Terragrunt, Helm, and Flux
- Transferred multiple clusters that used NLB based infrastructure to ALB based infrasture to allow auto-renewal of self signed certs and access from wider range of CMS network with near 0 downtime
- Created k3d small scale project to test new helm application changes to reduce testing time and cost by 3x by reducing 3 node cluster minimums to 1 node clusters
- Expanded 10 stage GitLab CI/CD pipeline to reusable templates (for Node, Python, GO, etc.) using GitLab CI/CD in order to rapidly deploy pipelines in under 10 minutes
- Automated 60+ Springboot Gradle application deployments per week into Kubernetes to bring DevSecOps and agile principles to the DoD
- Lead automation effort to create a python application that took in user data to create pipelines, SonarQube, Fortify, Twistlock projects, kubernetes manifests, and deployments

Software Developer

April 2019 - June 2020

- Lead greenfield and brownfield product teams to test, package, build, and deploy applications onto multi-tenant Kubernetes PaaS
- Biweekly onboarded 10+ application teams into multi-tenant Kubernetes PaaS
- Deployed 10 stage GitLab pipelines that includes SCA (SonarQube, Fortify, Trufflehog) and DAST (Twistlock) scans
- Utilized ReactJS and Java Spring Boot to build microservice web application for C17 flight scheduling
- Developed and maintained 8 stage Jenkins CI/CD pipeline on AWS EC2 to modernize deployment of legacy applications

PROJECTS

Platform1 LEARN - Airmen Onboarding

- Effort to turn new United States Air Force airmen developers (airmen coders) into full fledged software developers using DevSecOps principles
- Created easily digestible content (CI/CD, Docker, Kubernetes Manifests, etc.) for 8 weeks coding bootcamp aimed at developing mission critical applications for the DoD
- Lead effort of automating the creation of 60+ pipelines and kubernetes deployments a week
- Applied taints and tolerations to ensure influx of resource use did not affect normal platform operations
- Developed automation scripts to assign and remove Keycloak users and groups for proper AuthZ controls

EDUCATION

University of Hawaii at Manoa, Honolulu, Hawaii

December 2018

Bachelor of Science in Computer Science

Extracurricular: Grey Hats at UHM (Cybersecurity), Association for Computing Machinery at Manoa (ACM)