BRENDT MCFEELEY

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SKILLS

Languages	YAML, Python, JavaScript, Terraform, Terragrunt
Toolsets / Frameworks	Kubernetes, Docker, AWS, Helm, Flux, Packer, Linux, Git

EXPERIENCE

RevaComm Inc., Honolulu, Hawaii

DevSecOps Engineer — July 2020 - Present

· Managed biweekly upgrades to multi-cluster environment on AWS using Terragrunt, Helm, and Flux
· Created k3d small scale project to test new kubernetes cluster changes without having to spin up multi instance environments, saving both development time and deployment cost
· Developed CI/CD pipeline templates (Node, Python, GO, etc.) for GitLab CI/CD to rapidly deploy pipelines in under 10 minutes
· Automate 60+ Springboot Gradle application deployments per week into Kubernetes to bring DevSecOps and agile principles to the DoD
· Lead automation effort to reduce pipeline and kubernetes manifest delivery (creation, deployment, and testing) from 1 week to 3 day turnaround

Software Developer — April 2019 - June 2020

· Lead greenfrield and brownfield product teams to test, package, build, and deploy applications onto multi-tenant kubernetes clusters
· Deployed reusable 12-stage GitLab pipelines that includes SCA (SonarQube, Fortify, Trufflehog) and DAST (Twistlock) scans
· Utilized ReactJS to build UI front-end and Java Spring Boot to build Maven microservice backend in web application development
· Developed and maintained Jenkins CI/CD pipeline on AWS to increase application building, testing, and deployment frequency

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)