

Austin Arlint

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Position: Experienced Senior DevOps Engineer

Years of Experience: 10+ years

Specialties:

- Kubernetes (EKS, AKS, Bare Metal)
- Cloud (AWS, Azure, GCP)
- IAC (Gitlab & Github)

Skills:

- **Technical Languages:** Python, GoLang, Ansible
- **Technical Tools:** GitOps, CI/CD, GitHub Actions
- Proficient with Rancher
- Expert in deploying and managing hundreds of Kubernetes clusters
- Skilled in automation scripting and container management
- Skilled in IAC - Terraform and Ansible

Technical Skills:

- **Kubernetes:** 5+ years in production
 - **Rancher:** 2+ years
 - **Terraform:** 2+ years
 - **Helm Package:** Usage and development, 3 years
 - **Python:** 5+ years
 - **Ansible:** 5+ years
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Professional Experience:**RAFT - Senior DevSecOps Engineer**

2023 - Present

- Team: CNAP on Platform One (Software Factory, Air Force)
- Responsible for BigBang deployments and upgrades.
- Migrated KeyCloak Identity Management with zero downtime from CNAP to P1 Common Services.
- Managed IAC of P1 Common Services with Terraform for AWS govcloud
- Developed Flux configuration for production and staging EKS environments.
- Developed and maintained Terraform pipelines for feature changes and deployments, used by 5+ engineers.
- Deployed and managed Hashicorp Vault with PKI.
- Converted Atlantis and Terragrunt IAC to vanilla Terraform with GitLab Pipelines for AWS infra.
- Developed custom EKS Terraform module for AWS GovCloud.

NTT - Senior Application Developer and Operator

2019 - 2023

- Deployed and managed hundreds of Kubernetes clusters (EKS, AKS, Standalone) using Rancher Server.
- Deployed AWX (ansible tower) on K8s and managed and developed 100s of playbooks for 3 engineering teams.
- Using Ansible-Runner containers and Knative I developed a remote ansible runner which terminated upon completion eliminating resource usage outside of runtime.
- Developed containerized applications using Go, Python, Node.js, Django, and Vue.js.
- Created CI/CD pipelines using GitHub Actions for Core Systems DevOps.
- Developed an Automation Platform Application in Django using containers, AWX, Rancher, and HashiCorp tools.

NTT - Senior Application Developer and Operator

2016 - 2019

- Designed and maintained all deployment, maintenance, and upgrade automation for 1500+ systems (Windows/Linux) using Ansible and GitOps.
- Integrated Ansible playbooks with Jenkins to reduce support times.
- Reduced VM creation/deployment from half a day to 10 minutes.
- Designed automation to rebuild and restore over 1300+ VMs as part of an emergency systems recovery in 2020; served as technical lead with a team of 15 for three weeks to restore all systems.

Education:

- **Utah State University**
BS, Management Information Systems, *2009 - 2013*

Certifications:

- Comptia Security+