Ethan Post

DevOps Engineer

DevOps Engineer with 5 years of experience in the cloud world and with 2 years of experiences previously spent as a Software Engineer. I have a large amount of experience in containers, Terraform, and Ansible, as well as Kubernetes and various CI/CD tools. I have recently been playing around with ArgoCD to automate and codify my entire homelab in Kubernetes. I have found that I love working in the cloud and keeping up with the fast pace nature that this industry brings.

Personal Info

City
Sioux Falls, SD
57104

Email
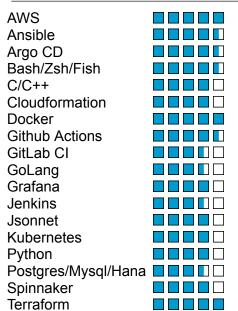ethancpost@gmail.com

GitHub
https://github.com/maker2413

Skills

Infrastructure-as-code
Containers
Kubernetes
CI/CD
Training others

Software

Software	Proficiency
AWS	■■■■■
Ansible	■■■■□
Argo CD	■■■■□
Bash/Zsh/Fish	■■■■□
C/C++	■■■■□
Cloudformation	■■■■□
Docker	■■■■□
Github Actions	■■■■□
GitLab CI	■■■□□
GoLang	■■■□□
Grafana	■■■■□
Jenkins	■■■□□
Jsonnet	■■■■□
Kubernetes	■■■■□
Python	■■■■□
Postgres/Mysql/Hana	■■■□□
Spinnaker	■■■■□
Terraform	■■■■■

Education

Dakota State University
(Aug 2014 - May 2017)

Bachelor's in Computer Science
Minoring in Computer Information Systems

Work Experience

CloudOps Engineer
EverOps - San Francisco, CA [Remote] (April 2021 - Present)
- Worked on plugin development for Spinnaker for one of our clients.
- Built out a framework to do automated testing of Spinnaker for plugin development for one of our clients.
- Worked on a tool for one of our clients that automated the process of Kubernetes manifest and Spinnaker pipeline generation.
- Helped to migrate all of the development teams of one of our clients to containers and into Kubernetes.
- Helped migrate one of our clients to the cloud from on-prem.

DevOps Engineer
Threatconnect Inc - Arlington, VA [Remote] (July 2019 - April 2021)
- Was team lead of a group designated to redesign and expand their Terraform repository to encapsulate infrastructure that was previously managed through our Ansible Repos.
- Supported over 100 clients in our AWS cloud environment using EC2 instances and Docker containers around the clock through an on call rotation.
- Redesigned their Ansible code base to implement automated testing on their Ansible roles.
- Began work on moving our ELK Stack and Grafana monitoring into EKS managed by using Terraform and Helm charts.
- Helped migrate from BitBucket and Jenkins to Gitlab and Gitlab CI.

DevOps Engineer
Earth Resources Observation and Science (EROS) Center - Sioux Falls, SD (May 2018 - June 2019)
- Managed the Jenkins Server in their AWS environment and codified it with ansible including auto scaling EC2 workers.
- Built many ansible playbooks to build and configure AWS instances, AMIs, and Grafana dashboards.
- Gained knowledge of Linux skills like scripting, system admin skills, and containerization through docker.
- Was given the responsibility to train, teach, and manage some of our new hires.

Software Engineer
Earth Resources Observation and Science (EROS) Center - Sioux Falls, SD (December 2016 - May 2018)
- Obtained Experience taking part in meetings and talking to government customers.
- Was the solo developer for the satellite scheduling system used at EROS.
- Gained large amounts of experience in C/C++ including working with the Qt graphics library.
- Learned how to manage databases with MySQL and PostgresQL.
- Developed Experience in the waterfall development life cycle.
- Acquired the skill of writing and reviewing documentation in Confluence.