Azamat Alishev

Contact: aoalishev@gmail.com

Number: 6463872222

Objective:

Driven and highly skilled DevOps Engineer with 5 years of expertise in Kubernetes, Terraform, AWS, and CI/CD pipelines. Passionate about leveraging advanced cloud infrastructure and automation technologies to architect efficient and scalable solutions. Seeking a challenging role where I can contribute my skills and experience to drive innovation, optimize workflows, and propel organizational success in the dynamic realm of DevOps.

Skills: AWS | Kubernetes | ECS |EKS |Okta| Terraform |Github Actions | ArgoCD | Python | Golang | Jamf

Casper - Senior Site Reliability Engineer

October 2023 - Present

- Spearheaded the implementation of scalable ephemeral self-hosted Github Action runners, optimizing workflow efficiency for the entire organization.

- Played a pivotal role in the seamless migration from Travis to Github Actions, ensuring minimal disruption and maximizing productivity.

- Engineered custom Github Actions for Packer builds and Terraform deployments across multiple AWS accounts, streamlining deployment processes.

- Orchestrated the centralization of CloudTrail logs from over 15 accounts, enhancing security monitoring and compliance efforts.

- Revamped Scalr (Terraform remote state management tool) architecture, fostering transparency and user-friendliness among team members.

- Updated AMI versions for all business critical applications, transitioning from Amazon Linux 1 to Amazon Linux 2023 for enhanced performance and security.

- Architected the foundation for a comprehensive containerization initiative, laying the groundwork for future scalability and flexibility.

- Designed and implemented Terraform modules for effortless ECS cluster provisioning, including integration with Datadog daemonset and Traefik for robust networking solutions.

- Automated ECR image permissions management through Terraform modules, ensuring secure and compliant image deployments.

- Introduced service discovery mechanisms with Traefik, facilitating seamless routing to ECS services and improving overall system reliability.

- Developed a modular framework for deploying tasks and services to ECS clusters, simplifying deployment processes and enhancing maintainability.

Stash — DevOps Engineer

July 2021 - August 2023

- Spearheaded the implementation of External Secrets with AWS Secrets Manager, fortifying application security through secure secrets injection.

- Orchestrated the migration from a self-hosted Kubernetes solution to AWS EKS, optimizing infrastructure management and realizing significant cost savings.

- Developed a standardized approach for ArgoCD project and application creation using Helm, empowering developers with an automated and self-sufficient deployment pipeline.

- Led the adoption of Terraform Sentinel for Infrastructure as Code (IaaC) management, ensuring cost-effectiveness, safety, and compliance across the organization's Terraform resources.

- Successfully migrated over 400 repositories' self-hosted Github runners to Kubernetes, enhancing scalability and resource utilization.

- Oversaw the deprecation of a custom Ingress solution and implement a Traefik Ingress controller across all clusters, improving service routing and management.

- Engineered a Golang script for recycling oldest instances in ASG groups, optimizing infrastructure health and resource allocation.

- Implemented a comprehensive load testing framework using Locust and Github Actions, enabling early detection of misconfigured deployments and pod anomalies in Kubernetes services.

- Assisted in migrating application secrets from AWS SSM secrets to Akeyless Secrets, ensuring secure secrets management practices across the organization.

- Collaborated with external teams to deliver cross-company initiatives and actively participated in incident response, fostering a culture of teamwork and collaboration.

 - Developed and managed a fleet of Github Action runners on EC2 Mac instances

Stash — Systems Engineer

- Took charge of establishing a streamlined CI/CD pipeline for Jamf scripts using Github Actions.

- Engineered the Jamf automation of patch management across all Mac endpoints, prioritizing foundational applications.

- Led the migration of all IT services and workflows to Kubernetes, ensuring scalability and efficiency.

- Implemented centralized logging for IT services through Datadog, enhancing monitoring and troubleshooting capabilities.

- Pioneered the development of a user-friendly self-service CI/CD pipeline for Okta resource creation, empowering teams to deploy resources effortlessly.

Greenhouse Software — IT Devops Engineer

September 2018 - June 2021

- Innovated a Python Slack bot application for streamlining Google Workspace admin tasks, significantly reducing IT Operations Google Workspace ticket resolution time.

- Implemented a seamless Jamf enrollment pipeline utilizing DEP Notify for no-touch deployment, simplifying device provisioning processes.

- Developed and deployed a Python script for Gmail inbox archiving, enhancing email management efficiency and organization.

- Established synchronization between Namely and Google Workspace, ensuring data consistency and accuracy across platforms.

- Introduced GIT2JSS (Jamf CI/CD) workflows leveraging Argo, Terraform, and Kubernetes for efficient script management, fostering a culture of automation and efficiency within the organization.