Daniel Longeuay

Data-driven, detail-orientated, and insightful Site Reliability Engineer with proficiency in software development, cloud infrastructure, automation, and container orchestration. Utilizes programming, CI/CD, and infrastructure as code to build highly-available services. Measures service KPIs with rich telemetry and monitoring. Exhibits leadership and collaboration skills through project design, implementation, deployment, and integration. Drives company-wide initiatives that provide value to multiple teams and customers.

dannylongeuay@gmail.com

ndsquared.net

github.com/dannylongeuay

Experience

Warner Bros. Discovery

Staff Site Reliability Engineer Apr 2022 - Present

- Develop and manage systems frameworks to deliver highly-available services
- Deployed hybrid CI/CD runner into Kubernetes clusters for workloads
- Developed, released, and deployed security updates to Kubernetes clusters
- Mentor junior team members on technology, development workflows, and mindset

iStreamPlanet

Senior Site Reliability Engineer Jul 2020–Apr 2022

Network Engineer Oct 2019–Jul 2020

- Created centralized container artifact repo to manage AWS Elastic Container Registry repositories
- Migrated pipelines from CodeFresh Container Registry (deprecated) to AWS ECR
- Designed, developed, deployed and integrated a network API service that serves as the single source of truth for network device information
- Migrated DataDog agent deployment from AWS EC2 instances to a modern Kubernetes deployment (AWS EKS)
- Reduced DataDog costs by a factor of 3x, by optimizing vertical node scaling in Kubernetes clusters and worked with teams to address high cardinality metrics
- Built highly available, geographically redundant infrastructure services in the cloud (DNS, Syslog, NTP)
- Refactored network device management process to deploy through CI/CD
- Built custom terraform provider plugin to scale monitoring tests programmatically
- Migrated Solarwinds monitoring to DataDog SNMP polling and ThousandEyes path monitoring
- Built reusable python script to patch network device security vulnerabilities

NBCUniversal

Senior Engineer, Network Automation May 2018–Oct 2019

- Automated configuration compliance and remediation on a global scale
- Built in-house tooling for network inventory analysis, reporting, and configuration backup

Skills

CI/CD
CodeFresh, Github Actions

Cloud Providers
AWS, GCP, DigitalOcean

Configuration
Ansible, Helm

Containers
Docker, Kubernetes, VMWare

Infrastructure
Terraform, Pulumi

Markup Languages
HTML, LaTeX, Markdown

Monitoring
DataDog, Grafana, InfluxDB, Prometheus, SNMP, Solarwinds, Splunk, Syslog, ThousandEyes

Programming Languages
Bash, Golang, Java, Javascript/Typescript, Python

Web Development
Flask, FastAPI, GraphQL, Nginx, NodeJS, PostgreSQL, REST, Svelte, TailwindCSS, VueJS

Education

Cal-State San Bernardino
B.A. Mathematics