

# 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.

## Experience

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### 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

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## Skills

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### 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

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CSUSB

B.A. Mathematics