

Daniel Longeuay

Website : <https://ndsquared.net>

Email : dannylongeuay@gmail.com

GitHub : <https://github.com/dannylongeuay>

SUMMARY

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

• Warner Bros. Discovery

Staff Site Reliability Engineer

Remote

Apr 2022 - Present

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

• iStreamPlanet

Senior Site Reliability Engineer

Remote

Jul 2020 - Apr 2022

- **Cross-team Ownership:** Created centralized container artifact repo to manage AWS Elastic Container Registry repositories
- **Agile:** Migrated pipelines from CodeFresh Container Registry (deprecated) to AWS ECR
- **Full Stack Development:** Designed, developed, deployed and integrated a network API service that serves as the single source of truth for network device information
- **Cloud:** Migrated DataDog agent deployment from AWS EC2 instances to a modern Kubernetes deployment (AWS EKS)
- **Bottom Line:** 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
- **Infrastructure as a Service:** Built highly available, geographically redundant infrastructure services in the cloud (DNS, Syslog, NTP)

• iStreamPlanet

Network Engineer

Remote

Oct 2019 - Jul 2020

- **Network as a Service:** Refactored network device management process to deploy through CI/CD
- **DevOps:** Built custom terraform provider plugin to scale monitoring tests programmatically
- **Innovation:** Migrated Solarwinds monitoring to DataDog SNMP polling and ThousandEyes path monitoring
- **Security:** Built reusable python script to patch network device security vulnerabilities

• NBCUniversal

Senior Engineer, Network Automation

Universal City, CA

May 2018 - Oct 2019

- **Security:** Automated configuration compliance and remediation on a global scale
- **Full Stack Development:** Built in-house tooling for network inventory analysis, reporting, and configuration backup

SKILLS

CI/CD: CodeFresh, Github Actions

Configuration Management: Ansible, Helm

Infrastructure Provisioning: Terraform, Pulumi

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

Cloud Providers: AWS, GCP, DigitalOcean

Containers: Docker, Kubernetes, VMWare

Markup Languages: HTML, LaTeX, Markdown

EDUCATION

California State San Bernardino

Bachelor of Arts in Mathematics