## Daniel Longeuay

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# **Professional 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.

### Technical Skills

CI/CD
Cloud Providers
Configuration Management
Containers/Orchestration
Infrastructure Provisioning
Markup Languages
Monitoring
Programming Languages
Web Frontend
Web Backend

CodeFresh, Github Actions
AWS, GCP, DigitalOcean
Ansible, Helm
Docker, Kubernetes, VMWare
Terraform, Pulumi
HTML, LATEX, Markdown
DataDog, Grafana, InfluxDB, Prometheus, Splunk
Bash, Golang, Java, Javascript/Typescript, Python
Nginx, NodeJS, Svelte, TailwindCSS, VueJS
Flask, FastAPI, GraphQL, NodeJS

## Professional Experience

#### Warner Bros. Discovery Staff Site Reliability Engineer

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

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)

- 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

May 2018 - Oct 2019

- High Availability⇒Proactively ensure reliability and availability for NBCU's global applications
- Data Analysis Provide data analysis and metrics for LRP
- 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
- Monitoring⇒Integrated internal APIs for monitoring dashboards

### Education

California State San Bernardino

Bachelor of Arts in Mathematics