

Daniel Longeuay

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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** Remote
Staff Site Reliability Engineer Apr 2022 - Present
 - **Kubernetes, Terraform:** Developed, released, and deployed security updates to Kubernetes clusters
 - **CodeFresh, Helm, Kubernetes:** Deployed hybrid CI/CD runner into Kubernetes clusters for workloads
 - **AWS, Kubernetes, VMWare:** Develop and manage systems frameworks to deliver highly-available services
 - **Hire and Develop the Best:** Mentor junior team members on technology, development workflows, and mindset
- **iStreamPlanet** Remote
Senior Site Reliability Engineer Jul 2020 - Apr 2022
 - **AWS, Github Actions, Terraform:** Created centralized container artifact repo to manage AWS Elastic Container Registry repositories
 - **CodeFresh, Terraform:** Migrated pipelines from CodeFresh Container Registry (deprecated) to AWS ECR
 - **Flask, Helm, Kubernetes, Nginx, Python, Terraform:** Designed, developed, deployed and integrated a network API service that serves as the single source of truth for network device information
 - **AWS, DataDog, Helm, SNMP, Kubernetes, Terraform:** Migrated DataDog agent deployment from AWS EC2 instances to a modern Kubernetes deployment (AWS EKS)
 - **DataDog, Kubernetes, Terraform:** 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
 - **Ansible, AWS, Terraform:** Built highly available, geographically redundant infrastructure services in the cloud (DNS, Syslog, NTP)
- **iStreamPlanet** Remote
Network Engineer Oct 2019 - Jul 2020
 - **Ansible, CodeFresh, Python:** Refactored network device management process to deploy through CI/CD
 - **Golang, Terraform, ThousandEyes:** Built custom terraform provider plugin to scale monitoring tests programmatically
 - **Ansible, DataDog, Terraform:** Migrated Solarwinds monitoring to DataDog SNMP polling and ThousandEyes path monitoring
 - **Python:** Built reusable python script to patch network device security vulnerabilities
- **NBCUniversal** Universal City, CA
Senior Engineer, Network Automation May 2018 - Oct 2019
 - **Python:** Automated configuration compliance and remediation on a global scale
 - **Python, Docker, VMware:** 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