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	CodeFresh, Github Actions
Cloud Providers	AWS, GCP, DigitalOcean
Configuration Management	Ansible, Helm
Containers/Orchestration	Docker, Kubernetes, VMWare
Infrastructure Provisioning	Terraform, Pulumi
Markup Languages	HTML, $\LaTeX$, Markdown
Monitoring	DataDog, Grafana, InfluxDB, Prometheus, Splunk
Programming Languages	Bash, Golang, Java, Javascript/Typescript, Python
Web Frontend	Nginx, NodeJS, Svelte, TailwindCSS, VueJS
Web Backend	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)

iStreamPlanet Network Engineer   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   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