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
- **Cloud Providers**: AWS, GCP, DigitalOcean
- **Containers**: Docker, Kubernetes, VMWare
- **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

- **California State San Bernardino**   Bachelor of Arts in Mathematics