

# DANIEL ESPONDA

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## SUMMARY

Staff SRE with 10+ years building CI/CD platforms and Kubernetes infrastructure. Lead SRE at Datadog processing 13M builds/month, saving \$7M annually. Expert in platform engineering, incident command, and cost optimization at scale (5,000+ nodes, 99.99%+ uptime).

## SKILLS

Kubernetes | Docker | AWS | GCP | Python | Go | Java | Terraform | GitLab | Jenkins | Kafka | Istio | Prometheus | Grafana | Datadog | ELK | GitOps | Service Mesh | CI/CD Platforms | Incident Management | CKAD Certified

## EXPERIENCE

**Datadog — Staff Software Engineer, CI Infrastructure** *June 2025 - Present*

- Engineer CI platform in Go/Python (13M+ builds/month); implement multi-tenancy, caching optimizations (40% faster cold starts)
- Core IC (since 2023): debug distributed systems, implement automated remediation; lead 15+ RFCs

**Datadog — Senior Software Engineer, CI Infrastructure** *Aug 2022 - June 2025*

- Reduced annual CI costs \$10M → \$3M (70%, \$7M savings); built custom enterprise CI system foundation
- Reduced pipeline time 70min → 7-12min (90%); Git clone 15min → <2min; became IC in 2023

**VMware — Staff Site Reliability Engineer** *Nov 2020 - Aug 2022*

- Led largest SaaS K8s platform: 5,000+ nodes, 100+ clusters, 99.99%+ uptime
- Built custom K8s operators in Go reducing manual operations 40 hrs/week → <12 hrs/week

**Toyota Connected — Senior Site Reliability Engineer** *Oct 2019 - Nov 2020*

- Built enterprise K8s platform (80+ teams): 99.5% → 99.9% availability, 40% cost reduction
- Deployed ELK cluster processing 3TB/day at 80% cost savings vs commercial solutions

**Capital One — Site Reliability Engineer Manager** *Feb 2016 - Oct 2019*

- Managed K8s platform (AWS/GCP) for 500+ microservices, 80+ teams (60% IC, 40% leadership)
- Migrated 100+ microservices to AWS/K8s, completed 3 months early; reduced MTTR 2.1hr → 52min

**Pariveda Solutions — Senior Software Engineer** *Aug 2014 - Feb 2016*

- Architected hybrid cloud solutions (AWS/Chef/Jenkins); built RESTful APIs (Java/Spring)

## EDUCATION

**University of Texas at Dallas — B.S. Computer Science, Cum Laude, GPA: 3.92** *2013*