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*
- Drive ddci as company standard; architect multi-tenancy for 100+ teams; lead 15+ RFC reviews
- Core IC (since 2023): lead enterprise outages; mentor on AI dev (Claude Code); drive consensus across 30+ teams

Datadog — Senior Software Engineer, CI Infrastructure *Aug 2022 - June 2025*
- Reduced annual CI costs $10M → $3M (70%, $7M savings); built ddci 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*