

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	<i>June 2025 - Present</i>
<ul style="list-style-type: none">• Drive custom CI platform 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	<i>Aug 2022 - June 2025</i>
<ul style="list-style-type: none">• 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	<i>Nov 2020 - Aug 2022</i>
<ul style="list-style-type: none">• 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	<i>Oct 2019 - Nov 2020</i>
<ul style="list-style-type: none">• 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	<i>Feb 2016 - Oct 2019</i>
<ul style="list-style-type: none">• 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	<i>Aug 2014 - Feb 2016</i>
<ul style="list-style-type: none">• 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