JEREMY HODGES

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SUMMARY

Senior Site Reliability / DevOps Engineer with 10+ years of experience designing, operating, and automating resilient infrastructure across cloud, container, and enterprise environments. Proven expert in building and maintaining large-scale systems on AWS and Azure, with experience in Kubernetes, Helm, GitOps, Terraform, and modern CI/CD pipelines. Highly collaborative engineer who works closely with developers, security teams, and customer stakeholders to improve system stability, meet compliance requirements, reduce operational toil, and accelerate delivery within government and defense environments. Currently supporting Air Force and Navy programs at Leidos.

WORK EXPERIENCE

LEIDOS
April 2021 - PRESENT

Senior Site Reliability Engineer
📍 Blacksburg, Virginia

At Leidos, I serve as a Senior Site Reliability Engineer supporting multiple mission-critical government and defense platforms. I lead a 10-engineer SRE/DevOps team for the Second Front / Game Warden platform. Training engineers in Kubernetes, GitOps, CI/CD, and DevSecOps to prepare for implementations and ongoing support. I also helped onboard customers and managed Day-2 operations, including incident response, root cause analysis, and continuous improvement.

I contributed to the Repeatable Offering Service Center by evaluating new tools and building CI/CD pipelines for security scanning, packaging, and compliance automation.

I helped architect and deliver a fully automated, SCCA-compliant Azure cloud environment using Terraform and supported a FedRAMP High environment (Ins3ight), focusing on reliability engineering, compliance automation, and secure release workflows. This included assisting with the platform redesign from AWS to Azure in collaboration with Microsoft.

I led Cloud One modernization and migration efforts, guiding defense programs through discovery, CI/CD pipeline creation, and secure multi-zone deployments. On the Navy OSA platform, I onboarded applications into OpenShift, built Tekton pipelines for automated testing and deployment, and improved transition processes.

Key Highlights

- Owned reliability, availability, and incident response for mission-critical Kubernetes platforms.
- Led and mentored a 10-engineer DevOps team.
- Architected and operated compliant cloud environments (FedRAMP High, SCCA, DISA STIG).
- Built CI/CD and GitOps pipelines to improve deployment safety and reduce risk.
- Drove large-scale modernization and cloud migrations for government and defense programs.
- Evaluated applications for risk and complexity.

TEDS INC
JULY 2014 - April 2021

Operations Engineer
📍 Blacksburg, Virginia

As a Operations Engineer, I supported the installation, configuration, and operation of the TEDS Talent Management platform for both on-premise and hosted enterprise customers. I worked directly with Fortune 500 organizations to gather technical requirements and design scalable cloud and hybrid architectures that met performance, security, and budget constraints. I led server capacity planning and performance tuning across Linux and Windows environments and used APM tooling such as New Relic to monitor application health and drive reliability improvements. I championed Infrastructure as Code by developing an automated deployment framework using AWS CloudFormation to provision the full TEDS stack in the cloud, including monitoring, fault tolerance, and maintenance tooling. I also served as project lead for migrating a global organization with 100,000+ users from on-premise systems to AWS and helped establish policies and documentation to enable long-term cloud operations and iterative modernization.

TEDS INC (Cont)
JULY 2014 - April 2021

Key Highlights

- Designed and operated large-scale hybrid and cloud architectures for enterprise platforms
- Introduced APM and observability practices (New Relic) to improve performance and uptime
- Automated full-stack cloud provisioning with Infrastructure as Code (CloudFormation)
- Led enterprise cloud migrations for high-user-count environments
- Drove operational maturity through documentation, policy, and process improvements

WE ARE INTERSTELLER
MARCH 2011 - MAY 2013

System Administrator
📍 Christiansburg, Virginia

Small project that was started among friends to build and design amazing software that was out of this world. Began by setting up virtual and physical server space for projects, installed collaboration tools to increase communication and accountability for team members spread across the country. Put in place a web based billing and project management software to allow for client communication and task management.

ONLINE INTUITION
OCT. 2004 - NOV. 2005

Intern
📍 Martinsville, Virginia

Local business that ran consulting services. Worked alongside Microsoft Certified Professionals to assist with networking, system troubleshooting, web hosting/web design, server maintenance, DNS, and home computer maintenance/upgrades.

📑 PUBLICATION

PUBLICATION
SE-INFORMS

A Web Based Decision Support Tool For Inventory Control
Dr. Robert D. Spillman, Jeremy Hodges
Southeastern Chapter of the Institute for Operations Research and the Management Sciences
Paper ID: W110410001

🎓 EDUCATION

RADFORD UNIVERSITY
MAY 2010

B.S., Information Systems
Minor in Business Administration

CERTIFICATION
NOV 2020

Certified SCRUM Master
Scrum Alliance - 001131206

CERTIFICATION
OCT 2017

AWS Solutions Architect
Associate Level - ID: LX9ZJJCK2E11Q1WR

CERTIFICATION
APR 2023

CompTIA Security+
ID: 58G6SGBSNF4EQL3H

👍 AWARDS

- **Deans Scholar Award**
- **Phi Kappa Phi**
  Academic Honor Society
- **Upsilon Phi Epsilon**
  Computing Honor Society
- **FoxFire Leadership Trainer**
- **Deans List**
- **Eagle Scout**

💡 COMPETENCIES

- **Cloud Platforms:** AWS, Azure
- **Containers & Orchestration:** Kubernetes (RKE, RKE2, OpenShift, EKS, AKS, K3s, Kubeadm), Docker, Helm
- **Infrastructure as Code & Automation:** Terraform, Pulumi, Ansible, CloudFormation, GitLab CI, Tekton, ArgoCD, Flux, Jenkins
- **Programming & Scripting:** Go, Python, Bash, PowerShell, YAML, JSON, HCL
- **Monitoring & Observability:** Prometheus, Grafana, New Relic, Elastic, CloudWatch, Azure Monitor
- **Version Control & Project Tools:** Github, GitLab, Jira
- **Security & Compliance Tools:** Xray, Trivy, Vault, AWS Secrets Manager, DISA STIG, FedRAMP Audits

📖 PROFECIENCY