



## JASON LEE MILLER

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### SENIOR DEVOPS, DEVSECOPS, CLOUD, SRE, AUTOMATION

Senior DevOps/DevSecOps leader with extensive experience building secure, scalable cloud platforms for companies like Apple, Netflix, and Workday. Specialized in SRE-driven operations and DevSecOps, delivering faster deployments, 35% lower costs, and 60% fewer security risks through automation (Terraform, Ansible), Kubernetes orchestration, and cloud solutions on AWS and GCP. Known for turning complex reliability and security needs into clear engineering plans, collaborating with cross-functional teams, and achieving measurable business results.

### IMPACT HIGHLIGHTS

- ✓ Reduced operational spending by 35% through automation, platform standardization, and removal of manual toil.
- ✓ Decreased critical security risk by 60% by applying DevSecOps controls, CIS-aligned hardening, and auditable infrastructure automation.
- ✓ Delivered zero-downtime releases for FDA- and HIPAA-regulated production environments using automated A/B deployment patterns.
- ✓ Built fully automated cloud environments with Terraform, standardizing Kubernetes and IAM to reduce drift and improve security posture.

- ✓ Executed a zero-downtime migration of Jenkins CI/CD and revenue-tracking systems during a high-risk business transition (Netflix/Qwikster).

### CORE COMPETENCIES

#### Cloud & Platform:

AWS, Google Cloud Platform (GCP), Microsoft Azure; Kubernetes, Docker; VMware ESX/vSphere; Load Balancing (F5, A10).

#### Infrastructure as Code (IaC) & Automation:

Terraform, AWS CloudFormation; Ansible, Puppet, Chef, SaltStack; Bash, Python, Ruby.

#### Security & Compliance:

DevSecOps, Governance, Risk, and Compliance (GRC); HIPAA, FDA; CIS Benchmarks; Identity and Access Management (IAM); Web Application Firewall (WAF); Intrusion Prevention Systems (IPS); Vulnerability Management (Orca, Tenable).

#### CI/CD & Release Engineering:

GitHub Actions, Jenkins, Octopus Deploy; Git-based workflows; A/B deployments; SDLC controls.

#### Reliability & Observability:

Site Reliability Engineering (SRE); Incident Response; High Availability; Disaster Recovery; SIEM and Logging (Splunk, AlienVault); Nginx.

#### Systems & Networking:

Linux (RHEL, CentOS), Windows Server; TCP/IP, DNS; Firewalls (Cisco); Distributed Storage (GlusterFS).

### PROFESSIONAL EXPERIENCE

#### Thought Parameters LLC

Owner / Chief Executive Officer

Placentia, CA

Jun 2024 - Present

- Architected a fully automated GCP environment with Terraform, standardizing Kubernetes clusters and IAM workflows to reduce configuration drift, strengthen security posture, and improve cost control through intentional provisioning.
- Completed all required government paperwork for regulatory compliance at both the State and Federal levels, ensuring the company maintains good standing and adheres to all legal obligations.

**JL Miller Electric, Inc.** Placentia, CA  
*System Engineer and Corporate Secretary* May 2023 – Present

- Audited and retooled infrastructure to align tooling with business use cases; replaced generic solutions with fit-for-purpose services to reduce waste, shorten troubleshooting cycles, and improve cost efficiency.
- Standardized Windows and Linux patching and baseline security to reduce support volume; migrated the company website to serverless static hosting for improved performance, reliability, and lower operating cost.

**Fidelity Life Association** Chicago, IL  
*Senior DevOps Engineer* Jan 2015 – Dec 2021

- Led DevOps delivery for two parallel product teams, running Agile ceremonies and aligning Engineering and Operations on release readiness, environments, and incident response. Improved CI/CD consistency and reduced delivery friction by standardizing workflows, removing blockers, and prioritizing reliability from design through production.
- Standardized configuration management with Ansible and Puppet Enterprise to automate provisioning and CIS-aligned hardening, replacing ad-hoc scripts with auditable, version-controlled automation and improving compliance consistency across the fleet.

**Alma, Inc.** Portland, OR  
*DevOps Engineer (Contract)* Oct 2014 – Jan 2015

- Built an AWS cloud automation framework using Ruby and native services to replace manual provisioning with an on-demand scaling model, improving repeatability and enabling faster, safer environment delivery.

**David's Bridal Inc.** Conshohocken, PA  
*Technical Architect* Jan 2022 – Apr 2023

- Mentored two junior engineers on Nginx, log analysis, and infrastructure automation, improving team throughput and strengthening reliability of the observability stack through documented runbooks and repeatable practices.
- Partnered with Security and Engineering to embed security-by-design into infrastructure changes, improving change quality through peer review, documentation, and repeatable automatio

**Heartflow, Inc.** Redwood City, CA  
*DevOps Engineer (Contract)* Jul 2014 – Sep 2014

- Enabled zero-downtime releases for FDA- and HIPAA-regulated production systems by designing an automated A/B deployment framework with Python and SaltStack, using host metadata targeting to shift traffic safely and maintain data integrity and availability.

**Workday, Inc.** Pleasanton, CA  
*Infrastructure Engineering* Nov 2012 – Jun 2014

- Established automation foundations for Workday's Skynet initiative by authoring core Chef code and custom resources, delivering reusable cookbooks that standardized configuration and accelerated enterprise rollout.

**Apple, Inc.** Cupertino, CA  
*System Engineer* Jul 2011 – Nov 2012

- Supported a 3,000+ seat research organization with high-availability infrastructure operations, executing upgrades and lifecycle management to sustain performance and service continuity for critical services.

**Netflix (Qwikster)** Los Gatos, CA  
*System Engineer* Feb 2011 – Jul 2012

- Executed a zero-downtime migration of Jenkins CI/CD clusters and revenue-tracking services during the Netflix-to-Qwikster split, ensuring continuity of financial reporting and release operations throughout the transition.

EDUCATION

**B.S. Computer Information Systems  
(Cybersecurity Programming)**      **Expected**  
DeVry University      Sep 2027

**GPA: TBD**

**A.A.S. Information Technology &  
Networking**      **Expected**  
DeVry University      Nov 2026

**GPA: TBD**

**Certificate in Programming  
Essentials with Honors**      **Completed**  
DeVry University      Feb 2026

**GPA: 3.88**

**Certificate in Cybersecurity  
with Honors**      **Completed**  
DeVry University      Apr 2025

**GPA: 3.81**

CERTIFICATIONS

MICROSOFT

**GitHub Foundations (GH-900)**

Earned: Feb 19, 2026  
Expires: Feb 19, 2028  
Credential ID: AB4E41D0764111F6  
[View Certificate](#)

HASHICORP

**Terraform Associate (004)**

Earned: Mar 26 2026  
Expires: Mar 26, 2028  
Status: Active  
[View Badge](#)