

# Sean Spedale

sean.spedale@proton.me | 442-216-5784 | San Diego, CA

## SUMMARY

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Senior Systems Engineer, Senior DevOps Engineer, and Senior Site Reliability Engineer experienced in automating secure deployments across GCP and AWS. Skilled in GitLab CI/CD, Ansible, Terraform, cloud security integrations (SIEM, SentinelOne, Prisma Cloud, Twistlock), MacDNS pipeline development, Xcode testing, and operational telemetry through GCP OpsAgent and Athena.

## CORE SKILLS

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GCP | AWS | GitLab CI/CD | Docker | Kubernetes | Ansible | Terraform | MacDNS Pipelines | Xcode | GCP OpsAgent | ELK Stack | SIEM Integration | SentinelOne | Prisma Cloud | Twistlock | Bash | Python | Go (learning) | Athena Queries | Micro Focus ValueEdge | Atlassian Stack | Jinja2 templating

## EXPERIENCE

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### OpenText (formerly Webroot)

Senior Systems Engineer / Senior DevOps Engineer / Senior Site Reliability Engineer | Mar 2017 - Apr 2025

- Designed, deployed, and operated secure web-based systems, integrating enterprise components across cloud and on-prem environments.
- Built and enhanced intersystem interfaces (RESTful APIs, service integrations) supporting enterprise-scale data exchange.
- Collaborated with IT partners, developers, and vendors across the full SDLC lifecycle in Agile teams using Scrum.
- Analyzed user requirements and operational issues to identify system changes and implement scalable solutions.
- Supported cross-functional integration with legacy and third-party systems, with focus on performance and security.
- Automated secure GCP and AWS deployments via GitLab CI/CD.
- Linux administrator responsible for troubleshooting and debugging production and pre-production systems running CentOS 7, Rocky 8, and Rocky 9.
- Built scalable infrastructure using Ansible and Terraform.
- Developed MacDNS pipelines and local testing via Xcode.
- Integrated SentinelOne, Prisma Cloud, Twistlock, SIEM tools.
- Tuned WebLogic and Tomcat middleware stacks for reliability and throughput under load.
- Monitored middleware with ELK, Prometheus, and Grafana, optimizing resource usage.
- Adjusted JVM heap, thread pools, and connector settings to support mass transactions.
- Built OpsAgent dashboards and Athena queries for metrics.
- Deployed Micro Focus ValueEdge for DevOps value stream management.
- Conducted performance testing of containerized applications in GCP across DEV, QA, and Production environments to proactively identify 500-series errors, optimize latency, and validate throughput prior to

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deployment.

- Conducted root cause analysis (RCA) for production outages using the Atlassian stack and documented technical resolutions.
- Managed secure configuration of secrets via GitLab CI/CD masked variables and Vault integration.
- Supported TLS 1.2 upgrade and security scanning tools (Qualys, Prisma, Twistlock).
- Partnered with multiple development groups as DevOps liaison during sprint planning and daily standups.
- Used AWS Cost Calculator and GCP Billing Reports with Cost Table to analyze project-level expenses, identify cost-saving opportunities, and implement optimizations.
- Followed formal change management practices for infrastructure and production changes.
- Led Rocky 8 to Rocky 9 modernization and cloud security hardening.
- Delivered 24/7 production support and reliability improvements.
- Primary scripting in Python and Bash, with ongoing learning in Go to support new cloud-native development efforts.

## **ThreatSTOP, Inc. (Carlsbad, CA)**

Senior Systems Engineer, DevOps / Senior Linux Administrator | Aug 2015 - Jan 2017

- Automated multi-datacenter deployments using Ansible and integrated Git workflows with Bitbucket.
- Engineered and maintained DNS Firewall infrastructure, ensuring resilient network threat filtering.
- Debugged production issues using Linux tools like htop, journalctl, and netstat, and used set -x to trace Bash script execution.
- Wrote and tested shell scripts for operational automation and system checks.
- Designed centralized logging via Elasticsearch, improving incident triage and forensic capabilities.
- Developed internal dashboards and alerting with Kibana and Nagios for real-time monitoring.
- Led incident response and post-mortems for Tier 3/4 support issues.

## **Verizon Wireless (San Diego, CA)**

Senior Performance Engineer / Senior Linux Administrator | Aug 2014 - Aug 2015

- Deployed and configured AlertSite synthetic monitoring across critical service endpoints.
- Utilized RHEL systems for initial setup of APM tools and integrations.
- Ran performance analysis and troubleshooting using Linux-native tools and logs.
- Tuned RedHat systems for performance bottlenecks in production and staging.
- Integrated Dynatrace APM for application performance monitoring and diagnostics.
- Conducted system profiling and OS-level tuning to support telecom-grade SLAs.
- Partnered with development teams to simulate traffic and assess real-world load handling.

## **The Active Network (San Diego, CA)**

Senior Systems Engineer | Mar 2013 - Mar 2015

- Supported high-availability infrastructure and 24/7 production uptime for consumer-facing applications.
- Automated build and deployment processes using Bash and Jenkins.
- Monitored middleware and OS-level KPIs using custom scripts and open-source tools.

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## **Qualcomm, Inc. (San Diego, CA)**

Senior Applications Support Engineer / HPUX Administrator | 2007 - Mar 2013

- Provided advanced support for Java applications and infrastructure in enterprise environments.
- Wrote detailed operational documentation and automated runbooks using Bash scripting.
- Supported WebLogic deployments and worked closely with DBAs and developers to ensure SLA compliance.
- Implemented environment monitoring and change tracking using in-house and commercial tools.
- Provided support for IBM WebSphere and HPUX systems, handling patching, log rotation, and user management.

## **EDUCATION**

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Portland State University - Computer Science & Music coursework

Mt. Hood Community College - Computer Science coursework

Professional references available upon request.