Jon Riley **Senior Software Engineer / Site Reliability**

Security+ | AWS Cloud Practitioner | Active Secret Clearance

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Professional Summary

Senior Software Engineer with Site Reliability experience. Proven record of building scalable applications, optimizing cloud infrastructure, and improving developer workflows. Skilled in Python, JavaScript, and GraphQL with deep expertise in Kubernetes, Terraform, AWS, and observability platforms such as Datadog and Splunk. Experienced in both backend and frontend development, with contributions to React applications and SaaS platforms. Adept at driving reliability, automation, and efficiency.

Technical Skills

- **Languages:** Python, JavaScript/TypeScrit, GraphQL
- **DevOps Tools:** Kubernetes, Helm, Terraform, GoCD, GitHub Actions, Tilt
- **Monitoring & Alerting:** Datadog, Splunk, CloudWatch, PagerDuty
- **Cloud Platforms:** AWS (Certified Cloud Practitioner)
- **Testing Frameworks:** Selenium, WebdriverIO, React Testing Library, Jest, Gherkin
- **Other Tools:** Postman, SonarQube, MongoDB, Firebase

Professional Experience

Senior Software Engineer
SAIC – Remote / Cookeville, TN
October 2023 – Present

- Designed and delivered scalable GraphQL APIs, boosting application performance and maintainability.
- Built and maintained Python microservices to support critical business logic.
- Contributed to a React-based application, improving frontend functionality and user experience.
- Implemented Tilt for local Kubernetes development and trained the engineering team, reducing onboarding and debugging time.
- Orchestrated deployments with Kubernetes and Helm to ensure reliable & consistent releases.
- **Technologies:** React, TypeScript, Python, GraphQL, Kubernetes, Helm, Tilt, AWS, Splunk

Site Reliability Engineer
Built Technologies – Hybrid / Nashville, TN
January 2023 – July 2023

- Implemented monitoring and alerting in Datadog, reducing mean time to resolution (MTTR) for production incidents.
- Developed Terraform modules to provision AWS, PagerDuty, and Datadog resources across multiple environments.
- Partnered with developers during on-call rotations to resolve infrastructure and reliability issues under tight SLAs.
- Built dashboards and SLOs to track system health and guide reliability improvements.
- **Technologies:** Datadog, Terraform, AWS, GitHub Actions, CloudWatch, Postman, SonarQube

QA Automation Engineer
Built Technologies – Hybrid / Nashville, TN
December 2021 – December 2022

- Automated end-to-end test pipelines with WebdriverIO, reducing manual QA cycles and increasing coverage.

- Unified microservice testing frameworks, standardizing QA practices across teams.
- Delivered training sessions for new engineers, accelerating onboarding and improving adoption of automation tools.
- **Technologies:** Selenium, React Testing Library, WebdriverIO, Gherkin, Postman/Newman

Developer / Founder
Five Apple Feedback – Remote / Murfreesboro, TN
December 2019 – March 2023
- Founded and built a SaaS platform from concept to production, iterating based on user feedback.
- Migrated from WordPress to a scalable Vue.js frontend and Firebase backend, improving performance and maintainability.
- Designed and launched new features that supported user growth and increased system efficiency.
- **Technologies:** Vue.js, JavaScript, Firebase

Education
- Bachelor of Arts in Graphic Design
  Carson-Newman College | August 2001 – May 2005

Certifications
- Active Secret Clearance
- AWS Cloud Practitioner
- CompTIA Security+
- Datadog Fundamentals Certified