JEFF FAULKNER
FT WORTH, TX

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PROFESSIONAL SUMMARY:

Senior DevSecOps Specialist with expertise in cloud computing, container orchestration, and security automation. Skilled in embedding security into CI/CD pipelines, optimizing multi-cloud environments, and mentoring teams. Proven ability to reduce infrastructure costs, accelerate deployments, and ensure compliance with CIS, STIG, and industry security standards.

TECHNICAL SKILLS:

- Cloud Computing: AWS, Azure, Oracle
- Containerization & Orchestration: Docker, Kubernetes
- Infrastructure as Code: Terraform, OpenTofu, Packer
- Configuration Management: Ansible
- Scripting & Programming: Bash, Python, GoLang
- Identity & Access Management: IAM, RBAC
- CI/CD & DevOps: GitLab, GitOps, Jenkins
- Operating Systems: Linux (Debian, RHEL, Fedora, Ubuntu)

CERTIFICATIONS:

- AWS Certified Solutions Architect Associate, 03/2022

- AWS Certified Cloud Practitioner, 12/2021

- Certified Kubernetes Administrator (CKA), 02/2021

EDUCATION:

SOUTHERN METHODIST UNIVERSITY - DALLAS, TX (08/2008 – 05/2012)
Bachelor of Science and Economics with Financial Applications Minor in International Studies

PROFESSIONAL EXPERIENCE:

GENERAL DYNAMICS MISSION SYSTEMS: DFW, TX
SENIOR CLOUD & CONTAINER DEVSECOPS SPECIALIST   **03/2025 - PRESENT**

- Mentor and coach team members, elevating technical expertise and fostering a culture of security-first engineering.

- Lead design and implementation of security automation frameworks, ensuring enterprise-wide compliance with CIS and STIG standards.

- Partner with multiple cross-functional teams on large-scale initiatives, architecting security solutions for high-security/clearance environments.

- Embedded AI-driven error checking into CI/CD pipelines, accelerating detection of misconfigurations and reducing deployment rollbacks.

- Research, evaluate, and deploy emerging cloud and containerization technologies, guiding adoption across the organization.

- Serve as embedded subject matter expert for AWS, Terraform, and container orchestration, enabling teams to accelerate secure delivery.

CLOUD & CONTAINER DEVSECOPS SPECIALIST   **03/2023 - 03/2025**

- Developed cloud-agnostic platforms, optimizing for cross-environment compatibility and reducing time-to-deployment.
- Automated VM patching across the organization with Ansible, ensuring compliance with security standards.
- Implemented custom logging and monitoring solutions tailored to client requirements, resulting in faster issue detection and response times.
- Created hardened machine and Docker images based on CIS benchmarks, decreasing security vulnerabilities.
- Spearheaded resource optimization efforts, reducing infrastructure costs through effective resource right-sizing.
- Engineered secure networking solutions aligned with security protocols, enhancing system resilience and data protection.
- Tech Stack: AWS, GitLab, Docker, Kubernetes, Ansible, Bash, Terraform, Packer

MATRIX RESOURCES: DFW, TX
CLOUD & CONTAINER SPECIALIST
05/2022 - 03/2023

- Built and deployed applications within the AWS Government Cloud, ensuring compliance with strict security and regulatory standards.
- Established and enforced infrastructure best practices for engineering teams, enhancing system stability and reducing deployment errors.
- Developed, deployed, and maintained custom CI/CD pipelines using Infrastructure as Code (IaC), accelerating release cycles and minimizing manual errors.
- Collaborated with cross-functional teams to troubleshoot and optimize Kubernetes clusters, increasing system uptime and enhancing cluster performance.
- Delivered security-focused platform solutions for engineers, improving development efficiency and compliance with organizational security policies.
- Tech Stack: AWS, GitLab, Docker, Kubernetes, C#, Bash, Terraform

RAD GLASS INC: DFW, TX
04/2014 - 05/2022
CLOUD ENGINEER, 10/2020 - 05/2022

- Built and deployed scalable systems on AWS Cloud, managing compute, network, storage, and database services to support high-demand applications.
- Deployed distributed systems at scale using AWS services, enhancing application reliability and reducing downtime.
- Implemented comprehensive monitoring and logging practices, increasing system visibility and facilitating proactive issue resolution.
- Developed automation scripts and tools using Python and Bash, streamlining routine tasks and improving operational efficiency.
- Configured and maintained Linux environments to host Docker and Kubernetes services, ensuring high availability and optimized performance.

- Tech Stack: AWS, Jenkins, GitHub, Docker, Kubernetes, Python, C++, Powershell, Bash

REGIONAL IT MANAGER, 04/2014 – 10/2020

- Directed IT operations across five retail locations, reducing system downtime through proactive monitoring and remote management.
- Configured and secured POS systems and company-wide IT infrastructure, significantly mitigating risks of data breaches and enhancing data protection.
- Collaborated with developers to design and implement an internal portal, streamlining employee access to resources and improving overall productivity.
- Recruited, trained, and managed a cross-functional team, enhancing staff retention and fostering a skilled, cohesive workforce.