



Introduction

Hi 🙋,

My name is Joseph Stout, you can just call me Joey. I love to tinker in the cloud and I have a passion for programming, system administration, and site reliability. In my free time I am a member of my local astronomy club and pair programming club. I enjoy traveling to new places, spending time with my family, and learning new things. I am looking for a company I can grow into - where I can learn new things while also mentoring coworkers.



Skills

I. Lead DevOps Engineer

- Led the successful deployment and configuration of a FedRAMP-compliant infrastructure, ensuring adherence to all security controls and guidelines.
- Collaborated with cross-functional teams to design and implement automated CI/CD pipelines, resulting in a more efficient and streamlined deployment process.
- Conducted thorough security assessments and audits to identify potential vulnerabilities and address them proactively, leading to a robust and secure environment.
- Actively participated in FedRAMP audits and assessments, providing technical expertise and documentation to demonstrate compliance with federal standards.
- Assisted in creating and maintaining documentation for system configurations, security policies, and standard operating procedures, ensuring clear and consistent guidelines for the team.
- Proactively identified opportunities for automation and optimization, resulting in increased efficiency and cost savings within the environment.
- Mentored team members on best practices and technologies, fostering a culture of continuous learning and professional development.
- Conducted internal workshops and knowledge-sharing sessions.

II. Site Reliability Engineer

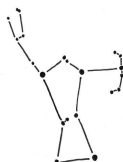
- Implemented monitoring and logging solutions to provide real-time visibility into the infrastructure's performance and security, ensuring rapid incident detection and response.
- Demonstrated exceptional problem-solving skills during incidents and outages, leading to swift resolution and minimal impact on system availability and performance.
- Designed, implemented, and managed Kubernetes clusters for high availability and scalability.
- Automated application deployments using Kubernetes manifests and Helm charts.
- Optimized Kubernetes resource utilization, reducing infrastructure costs by 40%.
- Utilized Terraform to create infrastructure as code (IaC) for AWS resources, ensuring consistent and repeatable deployments.
- Designed Terraform modules to encapsulate infrastructure components, promoting code reusability and maintainability.
- Implemented GitOps workflows using FluxCD and ArgoCD, enabling continuous delivery of infrastructure changes.
- Leveraged AWS services like EC2, S3, RDS, and Lambda to build resilient and scalable architectures.
- Implemented autoscaling and load balancing for critical applications, enhancing fault tolerance and performance.
- Collaborated with cross-functional teams to design and implement shared infrastructure components.

III. Honorable Mentions

- Built a documentation portal for the Kubernetes open source communities. (manifests.io)
- 10 years experience with AWS environments utilizing a very broad range of services.
- Familiarity with regulated spaces like PCI, FEDRAMP, and HIPAA.
- Built enterprise grade tooling for DevX purposes.

Contact

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Work History

- I. 08/2021 - Present: Lead DevOps Engineer
 - **Updater Inc.**, New York, NY
- II. 02/2019 - 08/2021: Sr. Site Reliability Engineer
 - **Beam Dental**, Columbus, Ohio
- III. 10/2015 - 02/2019: DevOps Analyst
 - **MoveHQ**, Reynoldsburg, Ohio