Dakota Martin

Senior DevOps Engineer

- Lehi, UT
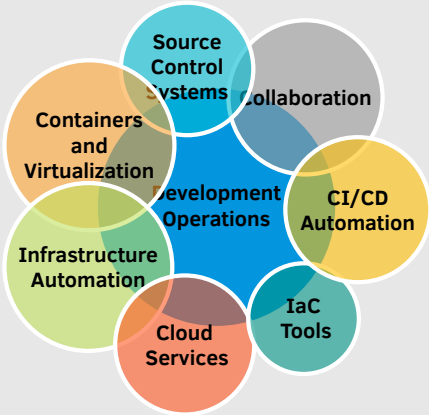- (+1) 507 273 3524
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- dakota-m

Skills

Overview

Tools

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Github Actions • K8S • Docker

Terraform • AWS • Ansible

Bash • Python • Lua

C • HCL • YAML • Go

Profile

ℹ Results-driven DevOps Engineer with a passion for automation, scalability, and reliability. Skilled in designing and implementing CI/CD pipelines (GitHub Actions, Jenkins), containerization (Docker, AWS ECS, Kubernetes), and infrastructure as code (Terraform, Ansible). Proficient in leveraging AWS cloud services to ensure seamless integration and deployment of applications. Adept at optimizing cloud infrastructure for performance and cost-efficiency, fostering collaboration between development and operations teams to deliver robust, scalable solutions.

🏆 Engineering innovation award recipient

Experience

Apr 2024 - Feb 2025 — **Senior DevOps Engineer** — Purple - Lehi, UT

- Architected and optimized 10+ AWS multi-account environments with AWS Organizations, Control Tower, and SCPs, ensuring zero downtime.
- Automated production server provisioning and configuration with Packer and Ansible, reducing setup time by 35%.
- Reduced cloud costs by 30% using AWS Savings Plans, Spot Instances, and Compute Optimizer.
- Designed high-availability architectures with Auto Scaling, ALB, and RDS Multi-AZ, achieving 99.99% uptime.
- Enhanced observability with CloudWatch, Prometheus, Grafana, cutting incident response time by 40%.

Jun 2021 - Apr 2024 — **DevOps Engineer** — Purple - Lehi, UT

- Designed and implemented CI/CD pipelines using GitHub Actions, reducing deployment time by 25% and improving developer productivity
- Automated infrastructure provisioning with Terraform, ensuring consistency and reducing manual setup effort
- Ansible roles for AWS Infrastructure creation
- Deployed serverless applications using AWS Lambda and API Gateway, reducing infrastructure maintenance overhead
- Wrote Infrastructure-as-Code(IaC) templates to provision AWS resources in a consistent, repeatable manner

May 2017 - Jun 2021 — **Software Design Engineer** — John Deere - Fargo, ND

- Design and develop embedded applications on RTOS systems in an Agile/Scrum environment
- Design and develop automated unit tests in parallel with production software development
- Field customer calls/meetings to provide engineering expertise concerning software updates and features
- Design and Develop Python automated functional tests for home-grown testing environment
- Developed and integrated a C# tool to program multiple units at a time to decrease cost and increase efficiency

Education

2017 — **Electrical Engineering** (B.S.E.E) — North Dakota State University, Fargo, ND

2025 — **AWS Solutions Architect Associate** — August 27th