



# Dakota Martin

Senior DevOps Engineer

 Lehi, UT

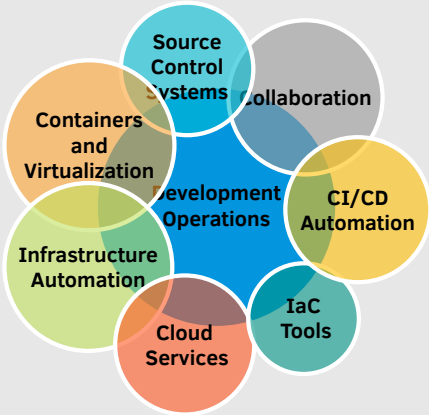
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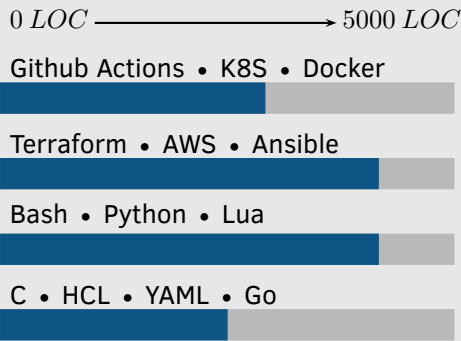
 /in/dakota-martin-ab02ab122

 dakota-m

## Skills Overview




### Tools



## 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+ multi-account AWS environments with AWS Organizations, Control Tower, and SCPs, ensuring zero downtime.
  - Production server and configuration management using Packer and Ansible
  - Designed high-availability, fault-tolerant architectures using AWS Auto Scaling, ALB, RDS Multi-AZ, and Route 53 failover.
  - Developed observability and monitoring strategies with AWS CloudWatch, Prometheus, and Grafana, enabling proactive incident response.
  - Built cost-optimization frameworks, leveraging AWS Savings Plans, Spot Instances, and Compute Optimizer to cut cloud expenses by 30%.
- 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