

David Miller

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Location: City, State | Open to Relocation / Remote

Professional Summary

Experienced DevOps Engineer with over 7 years in automating, optimizing, and supporting mission-critical deployments in AWS, Azure, and on-premises environments. Expertise in CI/CD pipeline creation, cloud infrastructure management, and container orchestration using tools like Docker, Kubernetes, Terraform, and Jenkins. Strong ability to streamline workflows, enhance productivity, and improve system reliability through automation and monitoring.

Skills

- **CI/CD & Automation:** Jenkins, GitLab CI, GitHub Actions, Azure DevOps, CircleCI.
- **Containerization & Orchestration:** Docker, Kubernetes, OpenShift, Helm.
- **Cloud Platforms:** AWS (EC2, S3, Lambda, RDS), Azure (AKS, VM, Blob Storage), Google Cloud Platform.
- **Infrastructure as Code:** Terraform, CloudFormation, Ansible, Puppet.
- **Monitoring & Logging:** Prometheus, Grafana, ELK Stack, Splunk, Datadog.
- **Scripting & Automation:** Bash, Python, PowerShell, Groovy.
- **Version Control:** Git, SVN, Bitbucket.
- **Security:** SSL/TLS, IAM, firewall management, vulnerability scanning.

Professional Experience

Senior DevOps Engineer

Tech Innovators Inc., City, State | March 2020 – Present

- Designed and implemented CI/CD pipelines using Jenkins and GitLab CI, reducing deployment times by 50%.
- Automated infrastructure provisioning using Terraform and Ansible, ensuring consistent and reliable environments across AWS and Azure.
- Deployed containerized applications using Docker and Kubernetes, improving scalability and reducing server costs by 30%.
- Managed monitoring solutions with Prometheus and Grafana, enhancing system visibility and reducing incident response times by 40%.
- Collaborated with development teams to integrate security best practices into CI/CD pipelines, reducing vulnerabilities by 25%.

DevOps Engineer

NextGen Solutions, City, State | January 2016 – February 2020

- Spearheaded the migration of legacy systems to cloud-based solutions on AWS, resulting in a 35% cost reduction and improved system performance.
- Developed automated scripts for infrastructure provisioning and management, reducing manual work by 70%.
- Managed version control and code quality using Git, SonarQube, and Bitbucket pipelines.
- Led the deployment of microservices architecture using Docker Swarm, enhancing application modularity and fault tolerance.
- Improved application reliability by implementing automated testing and continuous integration workflows.

Education

Bachelor of Science in Information Technology

University of ABC, City, State | 2010 – 2014

- Relevant Coursework: Cloud Computing, Software Development, Network Security, System Administration.

Certifications

- **AWS Certified DevOps Engineer – Professional** – Amazon Web Services (2022)
- **Certified Kubernetes Administrator (CKA)** – The Linux Foundation (2021)
- **Terraform Associate Certification** – HashiCorp (2020)

Projects

Automated Infrastructure Management

- Developed infrastructure automation scripts using Terraform and Ansible, improving deployment consistency and reducing setup time.

Cloud Cost Optimization

- Implemented a monitoring system with Grafana and Prometheus to track resource utilization, reducing cloud costs by 20%.

CI/CD Pipeline Modernization

- Rebuilt CI/CD pipelines for faster and more reliable releases using Jenkins and Azure DevOps, cutting down deployment times by 60%.

Technical Skills

- **Tools & Technologies:** Terraform, Ansible, Docker, Kubernetes, Git, Jenkins, ELK Stack
- **Languages:** Python, Bash, PowerShell, Groovy
- **Cloud Providers:** AWS, Azure, GCP

Soft Skills

- Problem-solving, teamwork, communication, leadership, time management.