

Mesfin Getachew

DevOps Cloud Engineer

Phone: (202) 417-7593 | **Email:** mesfin.g.tech@gmail.com | **LinkedIn:** [linkedin.com/in/mesfin-g-ayeale](https://www.linkedin.com/in/mesfin-g-ayeale) | **GitHub:** github.com/DataOpsInnovator

Professional Summary

Results-driven DevOps Cloud Engineer with over 7 years of experience in developing, automating, and optimizing cloud infrastructure. Skilled in delivering scalable, secure cloud solutions using AWS and Azure. Proficient in automating workflows with CI/CD tools (Jenkins, Azure DevOps), containerization (Docker, Kubernetes), and Infrastructure as Code (IaC) technologies (Terraform, CloudFormation, Ansible). Expertise in enhancing system performance, ensuring high availability, and driving cost efficiencies while maintaining rapid deployment cycles. Adept at collaborating with cross-functional teams to improve operational processes and implement innovative solutions. Committed to leveraging advanced technologies to drive business growth and streamline operations.

Work Experience

Senior DevOps Cloud Engineer

Shiro Technologies LLC, Addison, TX | Oct 2022 - Present

- Architected and optimized cloud infrastructures across AWS and Azure, migrating legacy on-prem applications to the cloud, reducing infrastructure costs by 30%, and improving overall system performance.
- Led the design and implementation of scalable, secure cloud hosting solutions for microservices, using Kubernetes and AWS Lambda for auto-scaling, high availability, and streamlined management of cloud-native applications.
- Spearheaded the development of enterprise-level CI/CD pipelines using Azure DevOps, GitLab CI, and GitHub Actions, reducing deployment time by 25% and enhancing release frequency for mission-critical applications.
- Drove automation and infrastructure provisioning across multiple environments using Terraform and CloudFormation, ensuring consistent deployments, improving scalability, and minimizing manual intervention.
- Mentored and guided a team of junior engineers, promoting a culture of collaboration and continuous improvement while advocating for DevOps best practices, cloud architecture principles, and security standards.
- Collaborated closely with cross-functional leadership to define cloud strategy and long-term infrastructure planning, contributing to the successful alignment of DevOps initiatives with business objectives.

DevOps Engineer

CDI Technologies LLC, Arlington, VA | Jun 2020 – Sep 2022

- Developed and automated CI/CD pipelines for MySQL and DynamoDB databases using Terraform and AWS CloudFormation, enabling continuous delivery of schema changes and improving database performance by 25%.
- Integrated Dynatrace and Datadog for proactive monitoring and alerting, reducing Mean Time to Detection (MTTD) by 30% and improving overall system reliability.
- Collaborated with cross-functional teams to automate performance optimization tasks and led proof-of-concept activities for cloud migration projects, resulting in successful migrations and improved system performance.
- Enhanced infrastructure automation workflows, improving operational efficiency and reducing manual intervention in deployment processes.

Cloud Operations Engineer

Property Management Experts LLC, Virginia | Jun 2018 – May 2020

- Provisioned AWS resources and automated infrastructure management using Terraform and Ansible, improving system availability and reducing downtime by 30%.
 - Integrated Prometheus, Grafana, and Datadog into CI/CD pipelines to monitor infrastructure health, resolving performance bottlenecks and ensuring seamless system operation.
 - Worked closely with senior leadership to design and implement cost-efficient cloud architectures, resulting in 20% reduction in operational costs and optimized resource allocation.
 - Provided ongoing system maintenance and troubleshooting, ensuring high availability and reliability of cloud-hosted applications.
-

Skills

- AWS (EC2, Lambda, S3, VPC, RDS, DynamoDB, CloudFormation, CloudWatch, CodePipeline, CodeBuild, CodeDeploy, SNS, IAM, RBAC, KMS, WAF, Shield, Encryption, AWS ECS, AWS EKS, CloudTrail, AWS Direct Connect, Load Balancing, Transit Gateway, API Gateway, RESTful API, AWS Global Accelerator, Route 53, AWS Backup), Azure (VMs, Networking, App Services, Azure DevOps, Active Directory, Azure Data Factory, Azure Backup), Terraform, CloudFormation, Ansible, Jenkins, Azure DevOps, GitLab CI, GitHub Actions, GitLab, CI/CD, GitOps, Terraform Workflow, Docker, Kubernetes, AWS ECS, AWS EKS, Datadog, Prometheus, Grafana, Dynatrace, CloudWatch, DevSecOps, AWS IAM, RBAC, KMS, WAF, Shield, Encryption, HashiCorp Vault, MySQL, DynamoDB, MongoDB, MS SQL Server, EBS, Disaster Recovery Automation, Data Replication, Bash, Python, PowerShell, JSON, Java, Shell Scripting, YAML, Linux administration, VPN, AWS Direct Connect, Load Balancing, Jira, Confluence, Slack, Microsoft Teams, Agile/Scrum, Problem-Solving, Collaboration, Teamwork, Adaptability, Mentorship, Leadership.
-

Education & Certifications

- Postgraduate Diploma in Cloud Computing – University of Texas, Austin, TX
- MSc Electronics Engineering – Czech Technical University
- AWS Certified DevOps Engineer – Professional
- AWS Certified Cloud Practitioner – Associate