

SIMON WUBSHET BEKELE

Addis Ababa, Ethiopia | +251-929190911

simonwubshet254@gmail.com |

SUMMARY

DevOps Engineer with 5 years of experience designing, deploying, and supporting cloud infrastructure and CI/CD pipelines on AWS and Azure. Skilled in Infrastructure as Code using Terraform and CloudFormation, containerization with Docker, Kubernetes orchestration, and Linux system administration. Experienced in automating deployments with GitHub Actions and Jenkins, troubleshooting production environments, and collaborating with development and infrastructure teams to deliver reliable, secure, and highly available applications. Passionate about cloud technologies, automation, and continuous learning, with hands-on experience in AWS, Azure, Kubernetes, Oracle Cloud Infrastructure (OCI), and GitOps.

WORK EXPERIENCE

DevOps Engineer

Origin Tech - Addis Ababa, Ethiopia

- Designed and maintained Azure, and AWS infrastructures using Terraform and CloudFormation across development, staging, and production environments.
- Automated application deployments using GitHub Actions and Jenkins, reducing manual deployment effort and improving release consistency.
- Provisioned and managed Azure infrastructure, including Azure Virtual Machines, Virtual Networks (VNETs), Network Security Groups (NSGs), Azure Load Balancer, Azure Storage Accounts, Azure Key Vault, and Azure Monitor to support secure and highly available application deployments.
- Managed Docker-based workloads and supported Kubernetes deployments using Helm and ArgoCD for automated application delivery.
- Administered Linux servers, troubleshooting application, networking, and deployment issues to maintain production availability.
- Collaborated with software engineers and infrastructure teams to resolve production incidents and coordinate application releases.
- Applied IAM least-privilege policies, encrypted cloud resources, and automated backup strategies to improve infrastructure security and resilience.
- Implemented monitoring and alerting using Prometheus and Grafana to improve system visibility and reduce incident response time.

DevOps Engineer

Sustainable Healthcare Solutions for Africa (SHS) - Addis Ababa, Ethiopia

- Built and maintained AWS infrastructure using Terraform, CloudFormation, EC2, VPC, RDS, IAM, and S3.
- Provisioned and managed Oracle Cloud Infrastructure (OCI) resources, including Compute Instances, Virtual Cloud Networks (VCNs), Block Storage, and Identity & Access Management.
- Containerized applications with Docker and supported orchestration on AWS ECS while contributing to Kubernetes adoption initiatives.
- Configured monitoring using Prometheus, Grafana, and ELK to improve infrastructure visibility and application troubleshooting.

- Spearheaded cloud security hardening by defining least-privilege IAM frameworks, automating KMS key rotation, and enforcing S3 encryption and VPC flow-log audits—collaborating closely with InfoSec to pass external compliance assessments.
- Assisted in cloud security hardening by managing IAM permissions, encryption, and infrastructure compliance.

Cloud Solutions Engineer

Nana Digital- Addis Ababa, Ethiopia

- Designed and deployed fully automated, secure AWS environments using Terraform and CloudFormation—VPCs, subnets, Security Groups, EC2, RDS, S3, ELB, Lambda, IAM roles, and KMS—ensuring high availability and compliance with best practices.
- Developed advanced ETL workflows with AWS Glue, Lambda, and custom Python scripts to synchronize and transform data between legacy on-prem systems and cloud databases, ensuring data consistency under heavy throughput.
- Designed resilient backup and recovery solutions: implemented automated RDS snapshots, cross-region replication, and led simulated failover drills to validate disaster-recovery runbooks.
- Collaborated closely with InfoSec and compliance teams to enforce least-privilege IAM roles, conduct vulnerability assessments, automate patch management, and maintain audit-ready environments.
- Mentored junior cloud engineers—conducting architecture reviews, pair-programming Infrastructure as Code patterns, and spearheading knowledge-sharing sessions on AWS best practices.

Backend Developer

Ministry Of Innovation And Technology(MinT)-internship

- Architected and maintained robust backend services using Laravel, CodeIgniter, and Symfony—implementing MVC patterns, dependency injection, and middleware to ensure clean, extensible code.
- Built RESTful APIs and background jobs with Django and Flask, integrating them seamlessly with PHP services for cross-platform data workflows.
- Designed, documented (OpenAPI/Swagger), and consumed RESTful and GraphQL endpoints; implemented OAuth2/JWT authentication, rate limiting, and API versioning to support secure, backward-compatible integrations.

SKILLS

GitHub Actions/Jenkins	Terraform	Prometheus/Grafana	Ansible	Kubernetes
AWS	Azure	Automation	Git/GitHub	Linux
Nessus	Docker	API Gateway	ArgoCD	Helm
Laravel/PHP	JavaScript	Python	Django	Node.js

VOLUNTEER WORK

Technical Mentor for AWS Students | ALX Alumni Program

- Volunteered to guide aspiring AWS professionals through complex coursework, hands-on labs, and certification prep. Shared insights from my industry experience to help students align their technical skills with real-world cloud engineering demands.

EDUCATION

Adama Science and Technology University

Computer Science and Engineering

Alx Africa-

AWS Cloud Computing and AI Career Essentials