

Tewodros Desta

Senior DevOps, Multi-Cloud and AI Platform Engineer
specializing in AWS, Kubernetes, and Infrastructure Automation

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I can provide my own visa/work permit for Germany
within 5-8 weeks. My notice period is 30 days.



TECHNICAL SKILLS

DevOps & Cloud Engineer (5+ years of project experience) | **Cloud Platforms:** AWS | Azure | GCP | OpenStack | OVHcloud | Infomaniak **AI Tools:** ChatGPT | Microsoft Copilot | LibreChat | OpenAI Codex | Cursor | GitHub Copilot | Claude / Claude Code | Grok | LiteLLM | Hermes Agent | MCP | Langfuse | n8n AI workflows | Ollama | LM Studio | Gemma | Llama | Mistral | DeepSeek **Containerization & Orchestration:** Kubernetes | AKS | ECS | Fargate | Docker | Helm | RKE2 | ArgoCD **Infrastructure as Code & Automation:** Terraform | CloudFormation | ARM Templates | Ansible | Puppet | Python | Bash **CI/CD & DevOps:** GitLab CI/CD | GitHub Actions | Jenkins | CI/CD Pipelines | Git | Deployment Automation **AWS Services:** Lambda | API Gateway | Route53 | IAM | VPC | ALB | ACM | ECR | S3 | CloudWatch | Site-to-Site VPN **Observability & Monitoring:** Prometheus | Grafana | CloudWatch | Centralized Logging | Incident Management | Alerting **Networking & Security:** DNS | VPN | Routing | Security Groups | Network ACLs | Secret Management | RBAC | Linux Administration **Databases & Storage:** PostgreSQL | MySQL | Object Storage | Backup & Recovery **Methodologies & Collaboration:** Agile/Scrum | DevOps | Infrastructure Reliability | Cost Optimization | Technical Documentation

WORK EXPERIENCE

05/2025 – today

Senior DevOps Engineer

[Exponent](#), Geneva, Switzerland (Remote)

Project: Client Delivery Platform - Swiss software delivery platform for Kubernetes-based client environments.

- Designed and provisioned a production-grade Kubernetes cluster on OpenStack, implemented automated CI/CD pipelines, and deployed client applications to production, improving release efficiency and reducing delivery lead time by approximately 62%.
- Built a reusable RKE2 platform with Terraform, Ansible, GitLab CI/CD, and Infisical, reducing environment onboarding effort by ~50% through standardized infrastructure automation.
- Utilized GitHub Copilot, Claude Code, Cursor, and OpenAI Codex to streamline Infrastructure-as-Code development, automate operational workflows, accelerate incident analysis, and improve Kubernetes platform support.

Technologies used: Kubernetes | RKE2 | Terraform | Ansible | GitLab CI/CD | Docker | Helm | Infisical | Linux | Monitoring | Secret Management | GitHub Copilot | Claude Code | Cursor | OpenAI Codex

Project: [Synheart AI](#) - AWS Infrastructure for AI Application Deployment - Canada-based human-state AI platform.

- Build the AWS production platform from the ground up, enabling the first production deployment within approximately one week for a privacy-focused AI product.
- Designed secure, scalable AWS infrastructure using ECS/Fargate, Lambda, API Gateway, Route53, IAM, and CloudWatch, supporting reliable application deployments and operational visibility.

- Developed deployment automation and operational tooling with Python, Boto3, GitHub Copilot, Cursor, and Claude Code, reducing manual release effort by over 70% while improving platform reliability and security.

Technologies used: AWS | ECS/Fargate | Lambda | API Gateway | Route53 | IAM | ECR | CloudWatch | Terraform | Python | Boto3 | Docker | CI/CD | VPC | Security Groups | GitHub Copilot | Cursor | Claude Code

06/2024 – 05/2025

DevOps Engineer

Gebeya Inc., Addis Ababa, Ethiopia

Project: AI Recruitment Platform - Cloud-native SaaS platform providing AI-powered talent matching and recruitment services.

- Managed AKS-based production environments, including virtual machines, networking, and access control for SaaS workloads.
- Automated AI chatbot deployments using Terraform, Ansible, GitLab CI/CD, and ArgoCD, reducing deployment time from ~30 minutes to under 12 minutes while improving operational reliability.
- Cut GCP infrastructure costs by ~\$48K per year and improved release velocity by implementing modern Git and CI/CD practices.

Technologies used: Azure | AKS | Kubernetes | Terraform | Ansible | GitLab CI/CD | ArgoCD | Linux | Networking | Monitoring

10/2022 – 05/2024

Cloud Engineer

Nedamco Africa, Netherlands (Remote)

Project: Climate-Tech Digital Platform - Cloud infrastructure supporting climate finance, reporting and sustainability initiatives.

- Migrated on-premise platforms to Azure, improving scalability and achieving 99.98% reliability.
- Managed secure and scalable Azure infrastructure for climate-tech solutions.
- Automated infrastructure and CI/CD with Terraform, reducing deployment effort by ~55%

Technologies used: Azure | Terraform | Azure DevOps | Jenkins | CI/CD | Infrastructure as Code | Cloud Architecture

02/2021 – 06/2022

Full Stack Engineer

Shomer Brokers, Ethiopia (Remote)

Project: Digital Insurance Services Platform - Web and mobile platform supporting insurance operations and customer management.

- Developed MERN and Flutter applications while implementing Docker-based CI/CD automation to standardize deployments and improve release reliability.

Technologies used: JavaScript | MERN Stack | Flutter | Docker | CI/CD

EDUCATION

09/2018 – 07/2022

Bachelor of Science / Information Technology
Wolkite University (WKU), Gubrye Town, Ethiopia

CERTIFICATIONS

AWS Certified Cloud Practitioner (CCP) | **Microsoft Certified: Azure Fundamentals (AZ-900)**

LANGUAGE SKILLS

English (C1) | Amharic (Mother tongue) | German (A1, currently learning)