

Daniel Befekadu

System Administrator and DEVOPS (Cloud Computing)

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🚩 Ethiopian

🔒 Unmarried

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♂ Male

🌐 Daniel Befekadu

🛂 ID/GU/W08/00615129

Education

2019/09 – 2024/07 **Electrical and computer Engineering (Communication Stream)**
ADDIS ABABA, Addis Ababa Science and Technology University [🌐](#)
Ethiopia CGPA 3.74 and exit 87%

2023/09 – 2025/07 **MSc. Electrical and Computer Engineering**
Addis Ababa, Ethiopia Addis Ababa Science and Technology University
CGPA 3.75
Thesis : Very Good

Professional Experience

2025/01 – Present **System Administrator**
Addis Ababa, Ethiopia BOA
Server Administration (Windows & Linux), Virtualization (VMware vSphere), Backup & Recovery (Veeam), Containerization (Docker, Kubernetes, VMware Tanzu), Cloud Platforms (AWS, OCI), Storage Management (RAID, iSCSI), System Monitoring (Grafana, Prometheus), Security Management (Patch Management, Antivirus, Access Control, Firewalls), Scripting & Automation (PowerShell, Bash, Python), User & Access Management, Iaas (Terraform), GITHUB, CICD pipeline, Google cloud , Oracle cloud

2024/09 – 2025/01 **IT Trainee (IT infrastructure division)**
Addis Ababa, Ethiopia Addis International Bank
Network troubleshooting, VMware, Virtualization, Windows OS troubleshooting

2023/06 – 2023/09 **Network and Data Center Engineer**
ADDIS ABABA, IPcom technologies and Training [🌐](#)
Ethiopia Networking and Data Center Installation and Commissioning of Cooperative Bank of Oromia (COOP) Enterprise and Data Center SDN Solution Internship

Projects

2025/03 – Present **Deploying and Managing Kubernetes on VMware Tanzu** [🌐](#)
VMware vSphere, VMware Tanzu, Kubernetes, Containers, Virtualization, Networking, Linux
Implemented and managed Kubernetes environments using VMware Tanzu integrated with VMware vSphere to support containerized applications within the organization's virtualized infrastructure.

- Deployed and configured Kubernetes clusters using VMware Tanzu within VMware vSphere environments.
- Managed containerized workloads and Kubernetes resources including pods, deployments, namespaces, and services.

- Performed cluster administration tasks such as monitoring, troubleshooting, scaling, and lifecycle management.

2025/12 – Present

DevOps Implementation Adopay Loan Platforms

Go (Golang), Docker, Docker Compose, GitHub Actions, CI/CD, Linux, YAML, Microservices, Backend and Frontend Deployments

Implemented and managed DevOps processes, CI/CD pipelines, and containerized deployments for Adopay financial platform, supporting loan management and related microservices.

- Designed and implemented CI/CD pipelines using GitHub Actions for automated build, testing, and deployment workflows.
- Built and maintained Docker images for backend services developed in Go and other technologies.
- Deployed and managed containerized applications using Docker Compose and YAML configurations.
- Supported deployment and operations of Loan Application, Credit Scoring, Authentication, Notification, and USSD services for Adopay

2023/12 – 2026/05

DevOps Implementation for Infinity Loan Application ☑

Go (Golang), Docker, Docker Compose, GitHub Actions, CI/CD, Linux, Containers, YAML, Microservices, Backend and Frontend Deployment

Implemented DevOps processes and deployment pipelines for the Infinity loan full app, supporting multiple services including Loan Application, Credit Scoring, Authentication, Notification, and USSD applications developed primarily in Go and other technologies.

- Designed and implemented CI/CD pipelines using GitHub Actions workflows for automated build and deployment processes.
- Built and managed Docker images for multiple microservices and backend applications.
- Deployed and orchestrated services using Docker Compose and YAML-based configurations.
- Managed deployments for Loan Application, Credit Scoring, Authentication, Notification, and USSD services.

2025/11 – 2026/04

Sanupay Digital Financial Platform Deployment & DevOps

Fly.io, Docker, GitHub Actions, CI/CD, Go (Golang), Linux, Databases, Frontend & Backend Deployment

Managed deployment and operational support for the Sanupay digital financial platform deployed on Fly.io ☑, supporting development teams in application preparation, infrastructure setup, database management, and deployment activities for backend and frontend services.

- Managed deployment and operations of the Sanupay platform using Fly.io ☑ infrastructure.
- Supported development teams in application preparation, deployment, and production readiness.
- Configured databases and maintained Fly.io ☑ deployment pipelines and configurations.
- Deployed and managed backend and frontend applications, including Go-based services.

2024/04 – 2024/05

Cyber security projects in techno hack ☑

Cyber security and Ethical Hacking

Using Linux, Oracle Virtual Box, Maltego, Burp Suite, and Wireshark, and performing different tasks related to cyber security like information gathering, sniffing attack, network scanning and other.

Skills

Technical Skills ● ● ● ● ●

- DevOps Practices
- CI/CD Pipeline Management
- Fly.io [🔗](#) Deployment & Infrastructure Management
- Application Deployment & Release Management
- Backend & Frontend Deployment
- Database Configuration & Management
- Production Environment Support
- Go (Golang) Application Support
- Troubleshooting & Production Support
- Deployment Automation
- Environment Configuration & Management
- Linux Administration
- Application Lifecycle Management
- Platform Operations & Maintenance
- Prometheus and Grafana

Technical Documentation, Reporting & DevOps Communication ● ● ● ● ●

- Technical documentation (DEVOPS Reporting)
- Reporting and operational documentation
- Troubleshooting and problem resolution
- Team collaboration and coordination
- Incident reporting and deployment logs

Cloud Computing

- Amazon Web Services (AWS)
- Google Cloud Platform (GCP)
- Oracle Cloud Infrastructure (OCI)
- Hetzner Cloud
- Cloud infrastructure concepts (compute, storage, networking)
- Basic cloud deployment and service management

Virtualization & Containerization ● ● ● ● ●

- VMware
- ESXi
- Hyper-V
- Docker
- Kubernetes
- RedHat and Windows Server

Soft (Collaboration) Skills ● ● ● ● ●

- Cross-functional Collaboration
- Developer Support
- Problem Solving
- Release Coordination
- Operational Support
- Team Collaboration

Cybersecurity ● ● ● ● ●

- Network security fundamentals
- Security monitoring and incident awareness
- Vulnerability identification and basic risk assessment
- Authentication and access control concepts
- Security best practices in system and application environments

Languages

Amharic

Mother tongue

English

Certificates

- Electrical and Computer Engineering Degree [🔗](#)
- AWS Cloud Practitioner [🔗](#)
- Oracle Cloud Infrastructure 2025 Certified Architect Associate [🔗](#)
- Fundamentals of Red Hat Enterprise Linux 9 [🔗](#)
- Introduction to Kali Linux [🔗](#)
- Networking Fundamentals (Akamai) [🔗](#)
- Cyber Security (Techno hacks) [🔗](#)
- Huawei Seeds for the future 2022 [🔗](#)
- AWS Educate Introduction to Cloud 101 [🔗](#)
- Oracle Certified Foundation Associate (OCI) [🔗](#)
- Docker Foundations Professional Certificate [🔗](#)
- VMware vSphere 8 Certified Technical Associate - Data Center Virtualization [🔗](#)
- Exit Exam Result Certificate [🔗](#)
- Fortinet Certified Fundamentals in Cybersecurity [🔗](#)
- Introduction to AI and Data Lebling [🔗](#)
- Dereja Academy Accelerator Program [🔗](#)