System Administrator	**Phone** (+251) 904117514	Email redisolomon2@gmail.com
REDIET SOLOMON	**Github** https//github.com/Rediet2000
	Linkedin https//www.linkedin.com/in/rediet-solomon2
	Address Addis Ababa, Ethiopia

Professional Summary

Results-driven System Engineer with a strong background in Linux server administration, containerization, networking, and cloud technologies. Experienced in designing, deploying, and maintaining IT infrastructure, with expertise in Kubernetes, Docker, CI/CD pipelines, monitoring solutions, and database management. Adept at implementing security best practices, managing firewalls, and ensuring high system availability. Skilled in automating workflows and optimizing system performance to enhance operational efficiency. Passionate about problem-solving and continuous learning, with a track record of successfully executing projects in DevOps and system engineering environments.

Skills

Programming
- Python
- javaScript
- Shell Script

Containerization and Management
- Kubernetes
- Docker

Git repository and Version Control
- Git
- Github and gitlab

Linux Distributions
- CentOS, RHEL, Oracle Linux, Ubuntu server (debian)

Monitoring and Logging
- Zabbix
- ELK Stack
- Prometheus and Grafana

Database Management
- MySQL
- PostgreSQL
- Oracle Database

Web Servers, Load Balancers, and Reverse Proxy
- Nginx
- Apache
- HAProxy
- Traefik

Virtualization
- Proxmox
- Oracle Linux Virtualization Manager (OLVM)
- VirtualBox
- Windows Hyper-V

Java Application Servers
- WildFly
- Tomcat

Identity and Access Management
- Keycloak

JavaScript runtime environment
- Node Js

Automation & Configuration Management:
- Ansible

Professional Experience

Position: **System and Network Engineer at Hagbes PLC**
Duration: **22/01/2024-current**
Responsibilities:
- **Infrastructure Setup**
  - Built and managed the DevOps environment.
  - Installed and configured Kubernetes.
  - Configured Traefik Proxy for load balancing and routing.
- **CI/CD Pipeline**
  - Set up Jenkins for automated builds and deployments.
  - Integrated GitLab for version control and CI/CD.
- **Monitoring and Maintenance**
  - Implemented Prometheus and other monitoring tools.
  - Ensured system health and high availability.
- **Database Management**

- ○ Installed and configured databases and clusters.
- **Email System**
  - ○ Installed and configured corporate email applications.
- **Networking Configuration**
  - ○ Configured network infrastructure using OPNsense.

Technologies:
Kubernetes, Jenkins, GitLab, Traefik Proxy, Prometheus, databases, monitoring tools, email applications, OPNsense.

Position: **System Engineer at Company Atlas Computer Technology**
Duration**: 06/06/2024 - 22/01/2024**
Responsibilities:
- **Containerization and Orchestration**
  - ○ Installed and configured Docker and Kubernetes in the local environment.
  - ○ Containerized applications to enhance portability, scalability, and efficiency.
  - ○ Utilized Kubernetes for automated deployment, scaling, and management of containerized applications.
- **Web Server Management**
  - ○ Installed and managed Nginx, Apache, and HAProxy for web hosting and load balancing.
- **Observability and Log Management**
  - ○ Integrated deployed applications with the ELK (Elasticsearch, Logstash, Kibana) stack.
  - ○ Enabled centralized logging, real-time analysis of logs, and creation of visualizations for insights into application behavior and performance.

Technologies
Docker, Kubernetes, Nginx, Apache, HAProxy, ELK stack (Elasticsearch, Logstash, Kibana).

Position: **Junior System Engineer at Atlas Computer Technology**
Duration: **12/11/2022 – 06/06/2024**
Responsibilities:
- **Server Management**
  - ○ Managed and maintained Linux-based servers to ensure high availability and optimal performance.
  - ○ Performed routine system administration tasks, troubleshooting, and performance optimization.
- **Network Security**
  - ○ Configured and managed firewalls to enforce robust security policies.
  - ○ Stayed updated on security threats and implemented risk mitigation measures.
- **Monitoring**
  - ○ Integrated applications with monitoring tools like Zabbix and Grafana for real-time system monitoring.
  - ○ Enabled swift responses to system issues to maintain stability.
- **Firewall Management**
  - ○ Managed pfSense firewall, implemented and fine-tuned firewall rules.
  - ○ Conducted regular security audits and ensured compliance with best practices.

Technologies
Linux, Zabbix, Grafana, pfSensel.

Projects

- **Wegagen Bank USSD & E-Banking**

Wegagen Bank USSD is a mobile banking service that allows customers to access their accounts and perform financial transactions without needing a smartphone or internet connection. This system enables users to manage their accounts, deposit funds, transfer money, pay bills, receive notifications, earn rewards, and schedule recurring payments, making banking more accessible and convenient. By integrating E-Banking and USSD, Wegagen Bank ensures seamless financial services for all customers, regardless of their device or internet availability Link

- **E-banking for HIjra bank**

Hijra Bank mobile banking is a system that enables Clients to pay and transfer to other accounts by using a Mobile. which helps customers to manage their Account, Deposits to their account, transfers, bill payments, get notifications, rewards, and scheduling for recurring payments. [Link](#)

- **IT Infrastructure Modernization & Migration at Hagbes PLC**
  - **Application Modernization**
    Migrate existing applications deployed on Windows to containerized environments (Docker) to improve scalability, portability, and ease of management.
  - **Network & Security Standardization**
    Establish a standardized network and security system across all environments to ensure compliance and reduce risk.
  - **Cloud & Virtualization Strategy**
    Build a robust cloud infrastructure using Proxmox, migrating the existing Windows environment to Linux virtualization, and ensuring high availability and performance.
  - **Backup & Data Protection**
    Implement backup storage using TrueNAS Scale for reliable data protection and disaster recovery.
  - **Corporate Email System Enhancement**
    Set up a stable, enterprise-level mail system mailcow mail, zimbra mail and Exchange mail system for Hagbes plc

Education

Degree In Computer Science

Admas University, Ethiopia, Addis Ababa 2018 - 2022

Language

Amharic - mother tongue
English – proficient