NEBAT TAHA

Toronto, ON | (437) 234-3223 | nebatn@gmail.com| LinkedIn| GitHub

PROFESSIONAL SUMMARY

Results-driven Cloud and DevOps Engineer with 12 years of IT experience, including 8 years as a System Administrator, and 1-year hands-on DevOps engineering focused on cloud and automation. Skilled in developing and maintaining Ansible playbooks, Terraform-based IaC, and Git-driven CI/CD pipelines for multi-cloud environments (AWS, Azure, OCI). Proven success in building self-healing, secure, and scalable infrastructure through automation and DevSecOps practices. Adept at improving operational efficiency, enhancing reliability, and supporting high-impact digital initiatives.

CERTIFICATES & TRAINING

- AWS Solution Architect - Certified - Amazon Web Services - 2025
- Oracle Cloud Infrastructure: Architect Associate - Certified– Oracle– 2023
- Oracle Cloud Infrastructure: Multi-cloud Architect- Certified – Oracle– 2023
- MCSE: Microsoft Certified Solutions Expert: Core Infrastructure- Certified – Microsoft – 2020
- MCSE: Microsoft Certified Solutions Expert: Cloud Platform and Infrastructure- Certified – Microsoft –2018
- MS: Microsoft Specialist: Server Virtualization with Windows Server Hyper-V and System Center - Microsoft –2017

CORE TECHNICAL SKILLS

Automation & IaC: Ansible (Playbooks, Roles), Terraform, CloudFormation

DevOps & CI/CD: GitHub Actions, GitLab, GitHub

Cloud Platforms: AWS, Azure, Oracle Cloud Infrastructure (OCI)

Monitoring & Observability: CloudWatch, Grafana, Prometheus

Scripting: Python, Bash

Security & Compliance: Vault, RBAC, IAM Policies, AWS Secret Management, TFsec, Checkov, System Hardening

Virtualization: VMware, Hyper-V, Oracle VM

OS & Systems: Linux (Red Hat, Oracle), Windows Server, Active Directory

System Architecture: High Availability, Fault Tolerance, System Hardening

Database Administration: Backup, Recovery, Report Generation

PROFESSIONAL EXPERIENCE

Savi Finance: https://financesavi.com/

A finance platform designed to simplify financial management and planning   Toronto, ON

DevOps Engineer – Coop   **Oct 2024 – Present**

- Developed and maintained **Ansible playbooks and roles** to automate multi-regional environment setup, configuration management, and patching.
- Integrated Ansible automation into **CI/CD pipelines** using **GitHub Actions** to automate daily operational tasks, perform post-provisioning configuration and enforce policies for DevSecOps controls.
- **Pioneered multi-regional infrastructure automation** by developing robust IaC pipelines with **Terraform and GitHub Actions**, integrating **TFsec and Checkov** for "shift-left" security, ensuring all resources meet compliance standards before deployment and automating infrastructure provisioning.
- **Designed and implemented comprehensive monitoring and alerting systems** using **CloudWatch, Grafana, and Prometheus**, establishing custom dashboards and alarms to proactively track key metrics and respond to anomalies
- Contributed to **DevSecOps** initiatives by securing secrets through AWS secret management and Git Secrets.
- Collaborated with cross-functional teams to align infrastructure design with business objectives, fostering a culture of operational excellence and ensuring **seamless application delivery and system reliability**.

Professional Development & Relocation   **May 2023 -Sep 2024, Canada**

- **Cloud Computing:** Completed the Cloud Computing Connections program, receiving hands-on **AWS training from Amazon** and mastering **Agile methodologies** through ACCES Employment.
- **Architect Certifications:** Proactively advanced cloud expertise by earning multiple certifications, including **Oracle Cloud Infrastructure: Multi-cloud Architect Associate** and **OCI Foundations**.
- **Practical Application:** Gained hands-on experience in **cloud infrastructure design, deployment, and management**, applying modern methodologies and expanding skills to align with current industry standards.

ZamZam Bank: https://zamzambank.com/

A customer focused commercial bank established in 2021, aspiring to be the Leading All-Inclusive Bank in Africa

Lead System Administrator   **Ethiopia , Jan 2021 – May 2023**

- **Led end-to-end infrastructure design and implementation projects**, including evaluating new computing, storage, and networking solutions, ensuring scalability and high availability to support the bank's launch.
- **Designed and deployed a high-availability system architecture**, leveraging SCCM and Oracle VM (OVM) to ensure seamless and secure access to critical business systems like Active Directory and SharePoint.
- **Led the technical implementation of the SWIFT Alliance Lite 2 system**, a critical international money transfer system, managing installation and performance monitoring to ensure optimal efficiency and compliance.
- **Directed a team of 15 technical professionals**, fostering collaboration between business and vendor teams to achieve key milestones for the bank's CORE and digital banking systems, which contributed to an industry award at the 2022 IBS Global FinTech Innovation Awards
- **Developed and executed a five-year IT roadmap and functional strategies** in collaboration with the executive strategy team, driving technological advancements and aligning IT with core business objectives.

National Bank of Ethiopia: https://nbe.gov.et/

The Central Bank of Ethiopia ensures monetary stability and promotes a secure financial system.   **Ethiopia**

Senior System Administrator   **Aug 2016 – Dec 2020**

- **Directed critical infrastructure migrations and modernizations,** including upgrading legacy systems to modern virtualized platforms (VMware, Hyper-V, OVM) ensuring minimal downtime and high availability
- **Managed enterprise-level server infrastructure**, providing advanced troubleshooting and optimization using SCCM and vCenter to ensure peak performance and robust security.
- Monitored and maintained server hardware health using tools like iDRAC, ensuring high availability and reliability for critical infrastructure.

Network Administrator   **Aug 2014 – Aug 2016**

- Configured and managed switches, routers, and access controls on firewalls; monitored and troubleshot network infrastructure for optimized performance and security

Database Administrator   **Sep 2013 – May 2014**

- Maintained data availability through daily backups, recovery testing, and report generation via database queries, preserving data integrity and accessibility

System Developer   **Oct 2010 – Sep 2013**

- Collected business requirements, developed applications, and conducted system testing to identify bugs, implement enhancements, and maintain alignment with business objectives

EDUCATION

Master of Science in Software Engineering,   HiLCoE School of Science and Technology, Ethiopia   2016
- **WES Canadian Equivalency:** Bachelor's Degree (Four Years)

Bachelor of Science in Computer Science,   Mekelle University, Ethiopia   2010

- **WES Canadian Equivalency:** Bachelor's Degree (Three Years)

REFERENCE

1. **Ralph Maamari-** Supervisor- Product Manager at Savi finance- ralphpalxyz@gmail.com
2. **Nazneen Masood-** Mentor: Operations Management Cloud Technology at Oracle - nazneen_sf@yahoo.com