

HIRUNI MALSHIKA

DevOps Engineer | Cloud Infrastructure & Automation

Colombo, Sri Lanka | +9478 6847477 | malshikahiruni1999@gmail.com | [linkedin.com/in/hirunimalshika](https://www.linkedin.com/in/hirunimalshika) |

[ithub.com/hirunimalshika](https://github.com/hirunimalshika)

Professional Summary

DevOps Engineer with 3+ years of experience automating cloud infrastructure and CI/CD workflows across Azure and AWS. Hands-on expertise in Terraform, Kubernetes, Docker, Linux administration, GitHub Actions, Azure DevOps, and observability with Grafana and Prometheus. Experienced in production deployments, incident response, troubleshooting, and cost-conscious infrastructure optimization.

Core Competencies

- **Cloud & Containerization:** Azure (AKS), AWS, Docker, Kubernetes, Bare Metal & VPS, GCP, Compute Services, Storage Services, Networking Services
- **Infrastructure as Code (IaC) & CI/CD:** Terraform, GitHub Actions, Azure DevOps Server, Git Workflow, Pulumi
- **Monitoring & System Admin:** Grafana, Prometheus, Linux Administration, Security Hardening
- **Development & Scripting:** Python, JavaScript, React, React Native, AI-Assisted Automation
- **Methodologies:** Agile/Scrum, Cost Optimization, Incident Management, Production Troubleshooting, Patience

Professional Experience

Rockland Distilleries (Pvt) Ltd

DevOps Engineer

Colombo, Sri Lanka · 06/2024 - Present

- Architects and executes the end-to-end production deployment for the WineWorld e-commerce platform using Azure Kubernetes Service (AKS), achieving zero-downtime releases and maintaining 99.9% uptime.
- Manages DevOps lifecycle operations for Ting, a food delivery platform, establishing CI/CD automation and developer enablement workflows that reduce deployment turnaround time by 60%.
- Authors and publishes custom, reusable GitHub Actions workflows and Azure DevOps pipelines to automate build, test, and container scanning procedures with minimal manual intervention.
- Designs real-time observability dashboards using Grafana and Prometheus for metrics tracking, log aggregation, proactive incident alerting, and system troubleshooting.
- Reduced infrastructure expenditure by 40% by migrating non-critical workloads to optimized bare-metal and VPS configurations.
- Accelerated development velocity by 35% through the implementation of AI-assisted coding and automation scripts for repetitive tasks.

Junior DevOps Engineer

Colombo, Sri Lanka · 05/2023 - 05/2024

- Automated the provisioning and management of AWS and Azure compute, storage, and networking resources as code using Terraform.
- Maintained Linux production servers, overseeing system updates, security patches, network configuration, performance optimization, and root-cause troubleshooting.
- Maintained an under-two-hour resolution time during on-call rotations for critical 24/7 production incidents through patient, methodical troubleshooting.

Bittbash

Software Engineer Intern

Sri Lanka · 12/2021 - 12/2022

- Developed cross-platform web and mobile applications using React, React Native, and Flutter in an Agile environment.
- Built and published open-source developer toolkits and sample repositories on GitHub to support internal delivery efficiency.

EDUCATION

Sri Lanka Institute of Information Technology (SLIIT)

01/2019 - 12/2022

Bachelor of Science, Software Engineering

Certifications

- Microsoft Azure Fundamentals

PROJECTS

Kubernetes GitOps Deployment Template <https://github.com/hiruniMalshika/k8s-gitops-nestjs-pipeline>

- Designed an end-to-end CI/CD pipeline using optimized multi-stage Dockerfiles, Minikube for Kubernetes orchestration, and Argo Rollouts to support zero-downtime canary deployments with automated 20% → 50% → 100% traffic shifting.

Terraform Azure Infrastructure Module <https://github.com/hiruniMalshika/aws-infrastructure-terraform>

- Developed an open-source Terraform Infrastructure as Code repository defining standard, reusable AWS VPC, EC2, and security group configurations for consistent cloud infrastructure provisioning.

Technical Content Creator ("Hiruni's Cloud Log") [Technical Content Creator \("Hiruni's Cloud Log"\)](#)

- Host a YouTube channel and actively produce educational DevOps video tutorials (covering Docker, Kubernetes, and GitOps workflows) to share architectural knowledge with the tech community.