MOVIN VINUSANDHA

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SUMMARY

Information and Communication Technology undergraduate with hands-on experience in DevOps and Cloud Engineering through personal projects. Practical experience building Cloud infrastructure, CI/CD pipelines, GitOps workflows, and observability solutions. Passionate about developing scalable and reliable cloud-native systems.

TECHNICAL SKILLS

- AWS
- Docker
- Kubernetes
- Jenkins
- GitHub Actions
- Terraform
- Linux
- ArgoCD
- Python

PROJECTS

Trim | DevSecOps Pipeline & Cloud Infrastructure | [Link]

- Provisioned a highly available, multi-environment AWS architecture using modular Terraform to support zero-downtime rolling deployments across 3 environments (Dev, Staging, Production).
- Engineered a DevSecOps Jenkins pipeline with strict pull request gatekeeping, integrating Trivy container vulnerability scanning, Gitleaks secret detection and enforcing an 80% code coverage standard via SonarQube.
- Tech Stack: AWS ECS Fargate, CloudFront, RDS, Terraform, Jenkins, Docker, Trivy, SonarQube

Production-Grade GitOps Microservices Platform on AWS EKS | [Link]

- Provisioned a private AWS EKS platform using Terraform and deployed 11 microservices through GitOps with ArgoCD and ArgoCD Image Updater with webhook-based rollouts.
- Implemented high availability and observability using Prometheus, Grafana, and EFK logging, with Horizontal Pod Autoscaling (HPA).
- Tech Stack: AWS EKS (Auto Mode), Terraform, Kubernetes, ArgoCD, GitHub Actions, Prometheus, Grafana, EFK (Elasticsearch/Fluent Bit/Kibana)

AWS EKS Platform with Terraform | [Link]

- Provisioned a private multi-AZ Amazon EKS Auto Mode cluster using Terraform with zero-inbound AWS Systems Manager (SSM) access.
- Configured Route 53 and AWS Certificate Manager (ACM) for HTTPS ingress and secure application access.
- Implemented end-to-end GitOps delivery using ArgoCD and keyless GitHub Actions authentication through OIDC.
- Tech Stack: AWS (EKS Auto Mode, VPC, Route 53, Secrets Manager, CloudWatch), Terraform, Kubernetes, ArgoCD

High-Availability Cloud-Native Microservices Platform (Ongoing Personal Project)

- Build highly available microservices platform on AWS EKS using Terraform, automated GitHub Actions CI/CD, and full-stack observability with Prometheus, Grafana, and EFK.
- Tech Stack: Kubernetes (EKS), Terraform, Docker, GitHub Actions, Prometheus, Grafana, EFK, AWS (VPC, ECR)

EDUCATION

Bachelor of Information and Communication Technology Hons Aug 2024 – Present
University of Colombo, Sri Lanka

CERTIFICATIONS

- LFS101: Introduction to Linux - *Issued by Linux Foundation. Jul 2026*
- AWS Academy Graduate - Cloud Foundations - *Issued by AWS. Mar 2026*
- Docker Certified Associate Exam Course - *Issued by KodeKloud. Feb 2026*
- LFS158: Introduction to Kubernetes (Ongoing)

REFERENCE

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