Thashenu Kularathna

DevOps Engineer

📞 +94 783937753 — ✉ n.thashenu@gmail.com — 🌐 thashenu.rootfo.com — 🔗 THASHENU — ⚙ github

Summary — Motivated DevOps Engineer with hands-on experience in automating deployments, managing cloud platforms, and streamlining CI/CD workflows. Proficient in tools like Docker, Terraform, Different Cloud Platforms, and Kubernetes. Skilled in Linux system administration and scripting, with a strong focus on system reliability, scalability, and operational efficiency. Experienced in implementing DevSecOps practices, integrating security into development pipelines to ensure secure and compliant software delivery. Eager to contribute to high-performing teams by improving automation, monitoring, and deployment strategies.

Skills

– **Programming Languages:** JavaScript

– **Version Control & Collaboration:** Git, GitHub, GitLab, Jira

– **Development Tools:** Visual Studio Code, Docker

– **Container Orchestration:** Kubernetes, Helm

– **Infrastructure as Code (IaC):** Terraform

– **Monitoring & Visualization:** Prometheus, Grafana

– **Monitoring & Visualization:** Elastic Stack (ELK Stack)

– **Web Frameworks:** React, Next.js

– **Web Server & Reverse Proxy:** NGINX

– **Operating Systems:** Linux, Windows

– **Databases:** MySQL, MongoDB

– **CI/CD Tools:** GitHub Actions, GitLab CI, Jenkins, Argo CD

– **Cloud Platforms:** Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure

– **Security & Vulnerability Scanning:** Snyk, Trivy, Gitleaks, Semgrep, Checkov

Working Experince

Echonlabs   **March 2022 – Sep 2025**
Trainee Systems Engineer

Education

University of Sri Jayewardenepura   **Aug 2022 – April 2025**
Bachelor of Science in physical science ICT

Projects

Deployzy - Visual JavaScript Deployment Pipelines (Team Project)   **Jan 2025 – May 2025**

– **Description:** Built a self-hosted DevOps orchestration platform that offers AWS- or Vercel-like CI/CD workflows on any low-cost VPS. The platform simplifies installing and configuring DevOps tools, building and pushing Docker images, and deploying containers to cloud or on-prem environments. Features include one-click tool installations, a visual script editor that runs real shell commands via a secured JavaScript engine, and an integrated OpenAI assistant for generating or troubleshooting scripts on the fly.

– **Technologies:** Node.js, Docker, Nginx, Linux, GCP, Aws, Snyk, mongo, mySql, Prometheus, Grafana, openAI

– **Presentation Link :** Gamma.app

HireSage AI (Team Project)   **Ongoing**

– **Description:** HireSage AI is a B2B platform that scrapes public professional profiles and resumes, then uses advanced language models to filter, rank, and deliver top candidate matches to recruiters. Automate talent sourcing and screening with precision

– **Technologies:** Docker, Gcp, Github Action, python, Nextjs,

– **Role:** Devops

Portfolio   **March 2025 – March 2025**

– **Description:** Developed a sample portfolio website to practice Kubernetes and GitOps workflows. Containerized the application using Docker and published images to GitHub Container Registry (GHCR). Deployed the app using Kubernetes manifests templated with Helm and managed continuous delivery through ArgoCD. This project helped build hands-on experience with container registries, Helm chart design, and automated cloud-native deployments.

– **Technologies:** Next.js, Docker, Github action, GHCR, ArgoCd, Kubernetes(homelab), Helm

– **Repository:** GitHub Repository.

Laguma - Accommodations finding Project) (Team Project)   **April 2025**

– **Description:**Laguma is your go-to platform for discovering unique accommodations and marketing your rental spaces. Whether you're a traveler searching for a place to stay or a property owner looking to connect with guests, Laguma makes it simple, secure, and seamless.
– **Technologies:** Vercel, cloudflare, Nextjs
– **Live Preview:** View Project Online.

XOX Game (Team Project)   **March 2025 – March 2025**

– **Description:** Collaborated on developing a web-based XOX game using Next.js, implementing a CI/CD pipeline with GitHub Actions to automate building, pushing to DockerHub, and deployment. Managed environment variables securely on GitHub and integrated AWS logging for monitoring and troubleshooting. The application was deployed and run using Docker, with Prometheus and Grafana set up for performance monitoring and insights.
– **Technologies:**Next.js,Mongo, Docker, GitHub Actions, AWS, Prometheus, Grafana
– **Role:** DevOps
– **Repository:** GitHub Repository.

Extracurricular Activities

– **Finance crew incharge,USJ (2024 – 2025)**
Engaged in organizing and contributing to every events and finace handling

– **Head of Finance Crew – Aurora University IT Event (2024)**
Managed the financial aspects of a university IT event attended by over 200 participants, overseeing sponsorship hunting, budgeting, expense management, and vendor relationships to ensure the event was delivered within budget. Collaborated closely with stakeholders to secure funding and handle financial reporting, ensuring transparency and effective financial management

Certifications

– **Kubernetes for developers**
Udemy

– **Introduction to Linux**
Linux Foundation

– **Configure NGINX on a Cloud Server: Digital Ocean and AWS**
Udemy

References

– **Senior Software Engineer**
Name: Chamuth Chamandana
Email: chamuth@rooster.org
Phone: +94756281355

– **Systems Engineer at Echonlabs**
Name: Akila Lakshan
Email: akila.elabs@gmail.com
Phone: +94768051724