

Dileepa Praveen

DevOps Engineer | Cloud Infrastructure & Automation Specialist
Malabe, Sri Lanka | +94717880140 | dileepapraveen32@gmail.com
linkedin.com/in/dileepa-praveen | github.com/Praveen1214 | praveendesilva.me

PROFILE SUMMARY

Results-driven DevOps Engineer with 2+ years of production experience in cloud infrastructure, container orchestration, and CI/CD automation. Proven expertise in Docker, Kubernetes, Terraform, and Jenkins with hands-on experience building and maintaining scalable cross-platform systems on GCP and AWS. Strong advocate of DevOps principles and Agile methodologies, focused on infrastructure automation, cost optimization, and system reliability.

WORK EXPERIENCE

Junior Software Engineer <i>Ceylon Linux</i>	Sep 2024 – Dec 2025 <i>Battaramulla, Sri Lanka</i>
<ul style="list-style-type: none">Deployed and maintained production cloud infrastructure on AWS and GCP (EC2, S3, Compute Engine) with 99.8% uptime.Implemented Infrastructure as Code (IaC) using Terraform and CloudFormation, reducing deployment time by 60%.Built and maintained multi-cloud CI/CD pipelines using Jenkins and GitHub Actions.Managed Kubernetes clusters for production workloads supporting 10K+ daily requests.Established monitoring via Prometheus, Grafana, and CloudWatch, leading to 40% faster incident resolution.Optimized cloud resource utilization through rightsizing and automation, reducing infrastructure costs by 20%.Managed IAM policies and security groups ensuring compliance with security best practices.Developed Python automation scripts for infrastructure management and log analysis.	
Freelance DevOps & Cloud Engineer <i>Upwork</i>	Jan 2022 – Present <i>Remote</i>
<ul style="list-style-type: none">Architected and deployed scalable cloud infrastructure on GCP focusing on reliability and cost-efficiency.Developed comprehensive Terraform templates for rapid provisioning and disaster recovery.Built CI/CD pipelines integrating GitHub Actions and Jenkins for continuous delivery workflows.Implemented ELK Stack (Elasticsearch, Logstash, Kibana) for centralized logging and performance analysis.Containerized applications and orchestrated deployments on Kubernetes to improve consistency.	

TECHNICAL PROJECTS

Proactive Autoscaling Framework (Research) <i>Kubernetes, EKS, Prometheus, Grafana, Argo Rollouts, Python</i>	Jun 2025 – Present
<ul style="list-style-type: none">Designed a proactive scaling framework for Kubernetes using a hybrid EKS/local VM environment.Implemented Argo Rollouts for automated canary deployments, achieving 99.9% uptime during scaling.	
Acquisitions API for SaaS Marketplace <i>Node.js, Docker, Kubernetes, PostgreSQL, Helm</i>	Sep 2025 – Present
<ul style="list-style-type: none">Built Node.js REST API supporting 10K+ daily requests, deployed via K8s with automated CI/CD.Configured load balancing and auto-scaling for high availability and performance.	
Patient Management System <i>Java, Spring Boot, Docker, gRPC, Kafka, Terraform</i>	Jun 2025 – Jul 2025
<ul style="list-style-type: none">Developed microservices platform with REST/gRPC APIs and event-driven communication via Kafka.Automated deployments using Terraform and containerized services with Docker.	

TECHNICAL SKILLS

<ul style="list-style-type: none">DevOps & Cloud: Docker, Kubernetes, Terraform, Ansible, Jenkins, GitHub Actions, GCP, AWS, Azure, Helm, Argo Rollouts.Monitoring: Prometheus, Grafana, CloudWatch, ELK Stack.Languages & Frameworks: Python, Bash, Java (Spring Boot), Node.js (Express), Maven, Gradle.Databases: MySQL, MongoDB, PostgreSQL, Prometheus.

EDUCATION

BSc (Hons) in IT Specializing in Software Engineering

Sri Lanka Institute of Information Technology (SLIIT)

Jun 2022 – Jun 2026

Malabe, Sri Lanka

- Focus: Cloud Computing, Software Engineering, Database Systems, Networks, OS.

CERTIFICATIONS & LEADERSHIP

- **Certifications:** AWS Fundamentals, PYTHON/AI/ML Engineer, Agile Software Development (Scrum).

- **Vice President - Microsoft Club | SLIIT:** Led 30+ member team and organized 10+ tech workshops.