

ANUPA KULATHUNGA

Intern DevOps Engineer / System Engineer
Sabaragamuwa University of Sri Lanka (SUSL)

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ABOUT

Coming from a background in surveying and space science, I am passionate about cloud infrastructure and system administration. Pursuing an internship in DevOps and System Engineering, I aim to combine my foundational knowledge with a drive for cloud technology, aspiring to contribute significantly as an Intern DevOps Engineer / System Engineer.

EDUCATION

BSc. (Honors) in Surveying Sciences in Remote Sensing
Sabaragamuwa University of Sri Lanka

🎓 Final Year Student
📅 2019 – Present

GCE Advanced Level - Physical Stream
Maliyadeva College, Kurunegala, Sri Lanka

🎓 Combined Maths - B, Physics - B, Chemistry - B
📅 2017

PROJECTS

RepairSpots - Repair Shop Management Software
Cloud Administrator

📅 July 2023 - Nov 2023

- Led the design and implementation of a scalable AWS cloud infrastructure for **RepairSpots**, integrating services like ECS with Fargate, ELB, VPC, Route 53, and ACM for a robust operation.
- Deployed a MongoDB database on Atlas, ensuring scalability and agile data management for the repair shop management platform.
- Automated CI/CD pipelines using AWS CodePipeline and CodeBuild, enhancing the platform's deployment efficiency and reliability.

ShopExma E-commerce Platform
Cloud Administrator

📅 March 2023

- Orchestrated the deployment of **ShopExma's e-commerce site** on Vultr, managing front-end, back-end, and Linux VPS configurations for peak performance.
- Ensured website security and performance enhancement by managing DNS and SSL certificates, alongside scaling database solutions for improved performance.
- Streamlined deployment processes in collaboration with developers, and bolstered site reliability through proactive system audits and updates.

ACHIEVEMENTS

🏆 **Global Finalist - NASA EO Dashboard Hackathon**

Achieved Global Finalist status in the NASA EO Dashboard Hackathon, standing out among over 200 participating teams. ([link](#))

👤 **Level 2 Fiverr Freelancer**

Recognized as a Level 2 Fiverr freelancer, delivering DevOps services to a global clientele across various industries. ([Profile](#))

LANGUAGES

Sinhala C2* ●●●●●●●●
Native

English C1* ●●●●●●●●

*Using CEFR rating for language proficiency.

TECHNICAL SKILLS

Docker Kubernetes Prometheus
Grafana PostgreSQL MySQL
CI/CD Pipelines (AWS Codepipeline)
Git Bash Scripting Python Scripting
CloudFormation Cloud Security
Serverless Technologies VMware
Hyper-V

SOFT SKILLS

Leadership Team-working
Self Learning Creative Thinking
Problem Solving

GEO Week 2022 - Faculty of Geomatics SUSL

Full Stack Developer

📅 Aug 2022 – Dec 2022

- Led the creation of the GeoWeek 2022 website, leveraging PHP and MySQL for an interactive user experience.
- Built the website's backend on a Linux environment to ensure consistent performance and reliability.
- Partnered with event coordinators to craft a website that accurately represented the event's ethos and objectives.
- Website: [GeoWeek 2022](#).

Serendib 1.0 (Sri Lankan First High Altitude Balloon)

Data analyst

📅 Oct 2020 – Feb 2022

- Forecasted wind patterns to inform the planning phase of 'Serendib 1.0', marking Sri Lanka's entry into high-altitude ballooning.
- Conducted data analysis with R to bolster evidence-based decisions for the 'Serendib 1.0' initiative. [\[Publication\]](#)
- Managed the assembly of tracking teams to oversee the 'Serendib 1.0' balloon's journey and gather crucial data.

VOLUNTEERING & OUTREACH

Publication Manager

SEDS Sri Lanka

📅 Oct 2020 – Oct 2021

- Led social media initiatives to boost SEDS Sri Lanka's online visibility and user interaction.
- Implemented marketing tactics to raise the organization's reputation among local communities.
- Initiated 'Sielen,' the official magazine, to highlight the organization's projects and achievements.

Chair of Council of Chapters

SEDS Sri Lanka

📅 Oct 2021 – Oct 2022

- Initiated and set up new chapters, broadening the organization's network and impact.
- Oversaw and evaluated progress updates from chapter leaders to maintain organizational goals.
- Offered tactical advice for the planning and implementation of current and prospective chapter projects.

Local Lead

Nasa Space Apps

📅 May 2021 – Nov 2021

📍 Colombo, Sri Lanka

- Orchestrated the [NASA Space Apps International Hackathon](#) in Sri Lanka, managing protocols and participant registration for an efficient event experience.
- Coordinated with the organizing team to facilitate a structured and effective hackathon, ensuring event success.
- Provided mentorship to participants, aiding in the conceptualization and development of innovative projects.
- Assisted the judging panel in the selection and recognition of the top three distinguished projects.

REFEREES

Dr. Sanka N. Perera

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