# **ANUPA KULATHUNGA**

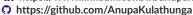
Intern DevOps Engineer / System Engineer Sabaragamuwa University of Sri Lanka (SUSL)

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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 Sabaragamuewa 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

m 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**

- 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**

**P** 

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**

\*Using CEFR rating for language proficency.

## **TECHNICAL SKILLS**

Docker Kubernetes Prometheus Grafana PostgreSQL CI/CD Pipelines Git **Bash Scripting Python Scripting** System Design Network Architecture Observability CloudFormation Serverless Technologies **Performance Tuning Security Best Practices** 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

m 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

M 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

- 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 Senior Lecturer

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#### Mr. Amantha Amarasena DevOps Engineer

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