

Thanuja Priyadarshane

DevOps Engineering - Intern



✉ thanujapriyadarshane26@gmail.com

☎ +94 76 727 4497

📍 Colombo, Sri Lanka

🌐 Thanuja Priyadarshane

🔗 thanujaDev26

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📋 PROFILE

Adaptable and motivated Computer Science undergraduate with hands on experience in Cloud Native Technologies and a strong interest in DevOps practices. Quick to learn, passionate about innovation, and eager to contribute to real world projects in dynamic, tech driven environments.

🎓 EDUCATION

Bachelor of Computer Science

University of Ruhuna

2022 – present | Matara, SL

Current GPA - 3.47

G.C.E Advanced Level

Dharmapala Vidyalaya

2020 | Pannipitiya, SL

Physical Science | Z Score - 1.4028

Diploma in Information & Communication Technology

ESOFT Metro Campus

2019 | Colombo, SL

📜 CERTIFICATES

AWS

Getting Started With Cloud Operations

Getting Started With Serverless

CodeKu DevOps Academy

Kubernetes From 10,000 Feet

🔗 REFERENCES

Mr. Dilina Weerasinghe, Software Engineer, IFS

+94 71 584 8081

Miss. Sakunthala Wimalasiri,

Associate Site Reliability Engineer, IFS

+94 70 325 9913

📁 PROJECTS

MosQguard

Final Year Project (Mobile and Web Application)

Deployed the Node.js backend to AWS EC2 using GitHub Actions for CI/CD. Configured Nginx as a reverse proxy, set up DNS to connect the domain, and secured the GitHub repository and CI/CD pipeline. Replaced manual deployment with automated workflows to improve deployment speed.

Technologies - **Docker, Github Actions, AWS EC2**

ShipZen

Vessel Operations & Management System (Mobile App)

Set up CI/CD pipeline with Jenkins and Docker to automate builds and deployments. Integrated SonarQube for code quality checks. Deployed backend services on AWS Lightsail with AWS RDS for data management. Enabled real-time updates for port operations, including cargo, passenger, and goods tracking.

Technologies – **Docker, Jenkins, SonarQube, AWS EC2**

Learning Management System

Commercial Project (Ongoing)

Dockerized the ASP.NET Core backend and deployed it to AWS EC2. Set up CI/CD with GitHub Actions for automated builds and deployments. Managed database integration with MySQL and ensured seamless delivery of updates across the LMS and admin panel.

Technologies - **Docker, Github Actions, AWS RDS**

Multithreaded Image Downloader

Individual Project

Dockerized the FastAPI backend and automated deployment on GCP using Terraform. Enabled high speed bulk downloads with multithreading and integrated real time object detection with OpenCV, paired with a React UI for progress tracking.

Technologies - **Docker, Terraform, GCP**

🧠 SKILLS

DevOps Tools

Docker, Kubernetes, Github Actions, Jenkins, SonarQube, Terraform

Programming Languages

Java, Javascript, Golang, Python

Framework and Libraries

Express, Springboot, FastAPI, Flutter, React,

Database Management Systems

MySQL, MongoDB

Cloud Services

Amazon Web Services (AWS), Firebase

Operating Systems

Linux, MacOS (Shell Scripting)

🏠 ORGANISATIONS

INSURGEX 1.0

Project Chairperson

Algorithm based Intra University Hackathon

University of Ruhuna