



Viraj Jayarathna

WORK EXPERIENCE

Solution Engineer - ZTE Lanka Pvt. Ltd. 01/2024 – Present

Design integrated solutions for Sri Lanka's telecom providers to meet their requirements.

5G | Wireless Networking | Network Planning | Problem Solving

DevOps Intern - Block Stars Pvt. Ltd.

10/2023-01/2024

Acquired proficiency in essential technologies through various projects, including building and deploying CI/CD pipelines collaborating with colleagues from overseas.

Linux | Docker | GCP | AWS | Jenkins | Kubernetes | Server Monitoring | Ansible | Self directed Learning

PROJECTS

Multi-Tier Architecture on AWS using Terraform

Deployed a scalable multi-tier AWS architecture using Terraform, featuring a load-balanced web tier, application servers, and an RDS database for high availability and security.

AWS | Jenkins | Terraform | RDS | Self directed Learning

Netflix Clone with Monitoring

Deployed a Netflix clone with Jenkins CI/CD, Docker, Kubernetes, and monitored metrics using Grafana.

Docker | GCP | Jenkins | Kubernetes | Grafana Prometheus | OWASP

Machine Learning based Traffic Rule Violation Detection System

An E2E solution powered by a customized machine learning model to monitor real-time CCTV footage, detect traffic violations (traffic light, speed, parking, direction), and capture the number plates of violating vehicles.

YOLOv8 | GCP | PyCharm | Image processing | Python | EasyOCR | Machine Learning Algorithms | Team Working

EDUCATION & CERTIFICATIONS

- BSc. (Hons) Electrical and Information Engineering
University of Ruhuna :2019-2023
- Google Cloud Platform Associate Cloud Engineer-2024
- HashiCorp Terraform Associate (003) - 2024


EXTRA CURRICULAR ACTIVITIES

- Chairperson of the organizing committee XbotiX-2023 -: Xbotix is one of the main robotics competition in Sri Lanka that organized by Faculty of Engineering, University of Ruhuna.
- Batch representative in Department of Electrical and Information Engineering 2021-2022
- Volunteered at "Mehewara" mathematics seminar series for ordinary level students
- Team member of men's baseball team and volleyball team in Faculty of Engineering, University of Ruhuna 2020-2021

CONTACT ME

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SKILLS

- GCP
- AWS
- Python
- Kubernetes
- Grafana
- Nginx
- Problem Solving
- Leadership Skills
- Communication Skills
- Terraform
- Linux
- Jenkins
- Docker
- Prometheus
- OWASP

REFERENCES

Mr. Lakshan Tharaka

Software Engineer

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