



Viraj Jayarathna

WORK EXPERIENCE

Wireless Solution Engineer - ZTE Lanka (Pvt) Ltd 01/2024 – Present
Design wireless 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 | Google Cloud Platform | Jenkins | Kubernetes | Server Monitoring | Ansible | Self directed Learning

Student Instructor - University of Ruhuna 08/2022-08/2023
Conducted laboratory sessions for students in the Department of Electrical and Information Engineering.

Advanced Level Mathematics Tutor 2017-2023

PROJECTS

Netflix Clone CI/CD with Monitoring
Deployed a Netflix clone with Jenkins CI/CD, Docker, Kubernetes, and monitored metrics using Grafana.
Docker | GCP | Jenkins | Kubernetes | Grafana | Prometheus | OWASP | Self directed Learning

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
- Certified as a Google Cloud Platform Associate Cloud Engineer-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

+94706086231

[Viraj_Jayarathna](#)

virajmjayarathna@gmail.com

SKILLS

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

REFERENCES

Mr. Lakshan Tharaka

Software Engineer
Block Starts Pvt. Ltd.
484, Kandy Road,
Kurunegala.
lakshan.tharaka.eds@gmail.com
+94710507342

Dr. Rajitha Udawalpola

Head of the Department
Department of Electrical and
Information Engineering,
University of Ruhuna.
rajitha@eie.ruh.ac.lk
+94772519477