

Nisal Wishwajith

SRE/DevOps/System Engineer

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About Me

I am a final-year undergraduate pursuing a BSc (Hons) in Information Systems at the University of Colombo School of Computing, with hands-on experience working as a DevOps Engineer in a production environment. I enjoy building automation workflows and maintaining minimal, cost-efficient web hosting solutions with an end-to-end ownership mindset. I have in-depth practical experience with Linux, Docker, and Bash, and I am seeking SRE/DevOps or System engineer opportunities where I can contribute to reliable systems while continuously learning. Outside work, I enjoy music.

Experience

Associate DevOps Engineer , Omobio (Pvt) Ltd	Jun 2025 - Present
<ul style="list-style-type: none">Resolving live production issues by analyzing logs and system behavior in Linux environment.Monitoring production systems using Nagios.Performing new release deployments and production updates using XFTP.Contributing to application development using PHP and EST JS.Troubleshooting live application issues in production environments.	
Trainee DevOps Engineer , Omobio (Pvt) Ltd	Dec 2024 - Jun 2025
<ul style="list-style-type: none">Installed and configured Telcom domain product in Redhat Linux environments.Application containerization using Docker and Podman.Assisted in Troubleshooting live application issues in production environments.	

Education

University of Colombo School of Computing , Sri Lanka	2022 - 2026
B.Sc. (Hons) in Information Systems - GPA 3.25	
Aquinias College of Higher Studies , Sri Lanka	2021 - 2022
English Language and Literature	
Dharmapala Vidyalaya Pannipitiya , Sri Lanka	2007 - 2020
G.C.E. Advanced Level: Z-score: 2.01	

Technical Skills

CI/CD & DevOps: Linux, Git/GitHub, GitHub Actions, Bash, Docker, Podman, Kubernetes
Cloud: AWS, Microsoft Azure, Oracle Cloud Infrastructure
Languages: PHP, JavaScript, Python
Databases: MySQL, MariaDB, MongoDB
Others: Log Analysis, Firewall, Networking

Projects

CI/CD Pipeline Deployment Project	2025
<ul style="list-style-type: none">Designed and implemented a full CI/CD pipeline for deploying a Dockerized Python web application to Oracle ECS using GitHub Actions.Technologies: GitHub Actions, Docker, Oracle Cloud Infrastructure (OCI)Contributions: Enhanced CI/CD pipeline, improving container build and deployment efficiency.Source Code: Github	

Digital Service Company (Roi-Innovators)

2024

- Developing a digital services platform with contributing to requirement analysis, development and automated deployment using Vercel.
- Technologies: Next.js, Tailwind CSS, EmailJS, Vercel
- Contributions: End-to-end development, deployment, and hosting of applications on Vercel.
- Source Code: [Github](#)

Laptop Repairing Company (INpower Laptops)

2024

- Developing a platform for laptop repairing company with contributing to requirement analysis, development and automated deployment using GitHub Actions.
- Technologies: Github Action, Next JS, EmailJS
- Contributions: End-to-end development, deployment, and hosting of applications on Github Pages.
- Source Code: [Github](#)

Digital Content Publishing Platform (Aetha)

2024

- As our third-year group project, we developed a solution for content publishing
- Technologies Used: Docker, GitHub Actions, Caddy, Microsoft Azure, React JS, Tailwind CSS, Spring Boot
- Contributions: Docker-based deployments on Azure VM using Caddy while contributing to CI/CI pipeline and frontend development for improved application delivery.
- Source Code: [Frontend](#), [Backend](#), [Deployment](#)

Medicine Procurement and Inventory Management Platform (MedsupplyX)

2023

- As our second-year group project, we developed a Medicine Procurement and Inventory Management Platform with that streamlines ordering, stock tracking, and supplier management for medical stores.
- Technologies Used: HTML, CSS, JavaScript, PHP, MySQL
- Contributions: Implemented MVC-based full-stack architecture, designing frontend, backend, and database structures to ensure efficient data flow and maintainability.
- Source Code: [Github](#)

Achievements and Volunteering

AWS Cloud Practitioner Essentials

2026

AWS Skill Builder [Credential](#)

LFS101: Introduction to Linux

2025

The Linux Foundation - [Credential](#)

OCI Certified Foundations Associate

2025

Oracle - [Credential](#)

Designer

2024

Rotaract Club of UCSC

Purcussionist

2023 - 2025

Rekha Music Band UCSC

References

Mr. Pubudu Liyanage

Senior Lecturer, University of Colombo School of Computing

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Mr. Lakith Rathnayake

Senior Operations Engineer, Sysco LABS Sri Lanka

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Ms. Karunya Kunaratnam

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