

# Nisal Wishwajith

## SRE/DevOps/System Engineer

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### About Me

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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

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**Associate DevOps Engineer**, Omobio (Pvt) Ltd Jun 2025 - Present

- 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

- 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

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**University of Colombo School of Computing**, Sri Lanka 2022 - 2026  
B.Sc. (Hons) in Information Systems - GPA 3.25

**Aquinas 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

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**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

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**CI/CD Pipeline Deployment Project** 2025

- 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

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**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

**Percussionist** 2023 - 2025  
Rekha Music Band UCSC

## References

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**Mr. Pubudu Liyanage**  
Senior Lecturer, Univerisity of Colombo School of Computing  
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