Udantha
Wanasingha

BSC. Information Systems (UG)
Associate Devops Engineer

Contact Me

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📍 No 13/E Mahagonaduwa,
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⭕ Udantha.github

🌐 https://udantha.tech

in Linkedin.com/Udantha

Technical Skills

Operating Systems
   - Windows , Linux

Cloud Platforms
   - Microsoft Azure , AWS

Containerization
   - Docker, Podman

Programming Languages
   - NextJS, ReactJS
   - Springboot, CodeIgniter, Codeigniter

Others
   - DHCP, Networking, Nagios

Languages

- English

- Sinhala

About Me

I am a third-year undergraduate student at the University of Colombo School of Computing with a strong passion for IT operations, infrastructure, and automation. My experience includes configuring systems, managing devices, optimizing workflows, and implementing security protocols in dynamic environments. I am adaptable, solution-oriented, and eager to take on challenges in fast-paced technical settings. With a commitment to innovation and continuous learning, I aim to contribute to efficient and scalable IT operations while growing as a professional within a collaborative team.

Experience

Internship Trainee DevOps Engineer   2024 - present
Omobio Pvt Ltd

- SMS Firewall Project
   - Hands-on experience in configuring firewalls using Docker and Podman for secure containerized environments.
   - Worked with Erlang nodes (m3ua, msc, m3ua_sgp) for telecom signaling setups and configuration.
   - Strong RHEL/Linux background with skills in system setup, debugging, and performance tuning.
   - Proficient in Bash scripting for automation, log analysis, and system task management.
   - Experience with GitHub Actions for CI/CD pipeline development and deployment automation.
   - Worked on MariaDB clustering for high availability and Apache web servers for web hosting and configuration.
   - Skilled in identifying and resolving system and application-level errors efficiently.

Education

BSc. in Information Systems (UG)   2022 - Present
UCSC

GCE AL Examination (Mathematical Stream)   2017-2020
Sri Sumangala College-Panadura

GCE OL Examination   2015-2016
Sri Sumangala College-Panadura

Other Skills

- Team Work & Collaboration
- Analytical Thinking
- Problem Solving
- Time Management
- Communication

Volunteering

- Active Member In Pahasara Ucsc Photography Club (2021 - Present)
- Active Member of ACM Student Chapter(2021 - Present)
- Volunteering ICTER Conference (2024)
- Foot ball player in UOC foot ball team - 2023

References

Pubudu Liyanage
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Other Educational Qualifications

Java Application Development Using JavaSE	**6 months**
Python Advanced- completed	**6 months**
AWS Cloud Practitioner - Completed	
Introduction to Cyber Security - Completed Cisco Networking Academy	

Projects

ROI Innovators - Digital Service Company   **Present**
Company Portfolio
Used Technologies: Nextjs, Tailwind CSS
Contribution: Requirement Analysis, Deployment
ROI-Innovators.github

Web Cluster Assignment   **2024**
Built a web cluster with two servers and reverse proxies, enabling requests to switch to a backup server via Squid on primary failure.
Used Technologies: Squid , Apache , Keepalived , Openssl
Contribution: Config Web servers and squid, Get SSL certificate

DHCP Configuration Assignment   **2024**
Used Technologies: DHCP-service
Contribution: Config DHCP service , automatically assign IP addresses

INpower Laptop Repairing Center   **2024**
Company Portfolio
INpower Laptop Repairing Center, Kirillawala, Kadawatha
Used Technologies: React, NextJS, NextUI
Contrubution: FrontEnd Development, Deployment
INpower.github   https://inpower.lk

Personal Portfolio   **2024**
Used Technologies: React and AnimateCSS
Udantha.github   Udantha.tech.

La Fresca   **2024**
Cafe Chain Management
This project aims to develop a Cafe Management System specifically designed to revolutionize operations for La Fresca.
Used Technologies: React, Springboot with Client Server Architecture, Mongo DB
Lafresca.github

Roles & Contributions:
- Designing prototypes
- Frontend development of cashier and waiter mainly
- Deployment side of the project using docker and git