

THARINDU LAKSHAN

COMPUTER SYSTEM & NETWORK ENGINEERING (FINAL YEAR UNDERGRADUATE)

📞 0702763025

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📍 Egodagama, Heeloya, Bandarawela

SUMMARY

Resourceful and Results driven final year Computer Systems & Network Engineering undergraduate with hands on experience in Linux and Windows system administration, cloud infrastructure, and containerization using Docker and Kubernetes. Skilled in automating deployments, implementing CI/CD pipelines, and managing databases in production and UAT environments. Proven ability to deploy, monitor, and optimize scalable systems while ensuring security and operational efficiency. Adept at collaborating with cross functional teams to deliver solutions for government and financial sector clients. Eager to leverage technical expertise and a strong problem solving mindset to contribute to innovative and reliable IT operations.

WORK EXPERIENCE

EPIC LANKA PRIVATE LIMITED

2024 April - February - Intern System Support Engineer

2025 March - Present - Associate System Support Engineer

- Managed and optimized Linux (CentOS 7/8, RHEL 7/8/9) and Windows (2009/2012/2019) systems in production and UAT, ensuring high availability, security, and compliance.
- Configured three production/live environments, supporting and maintain six e-government projects and two financial sector clients.
- Implemented security best practices and applied vulnerability fixes, significantly reducing risk across client systems.
- Deployed and managed MySQL, PostgreSQL, and MongoDB databases in Docker containers, ensuring data integrity, privacy, and high performance.
- Configured and maintained database load balancing and high-availability clusters (ProxySQL, Percona XtraDB Cluster) for seamless failover and uninterrupted service.
- Optimized database and application performance through query tuning, indexing, and resource allocation.
- Automated backup solutions and streamlined package installations, minimizing downtime and manual intervention.
- Developed and executed Docker images for complex application deployments, enhancing CI/CD pipelines with Jenkins and Ansible.
- Implemented monitoring (Grafana, Prometheus, Netdata) for proactive detection and rapid resolution of system issues.
- Provided technical support and troubleshooting for client environments, balancing priorities and ensuring timely resolution of critical issues.
- Collaborated with cross functional teams to resolve real time production issues, enhance application functionality, and deliver high quality support to government and financial sector clients.

EDUCATION

B.SC.(HONS)IN IT SPECIALIZED IN COMPUTER SYSTEM & NETWORK ENGINEERING (2021 - present)
Sri Lanka Institute of Information Technology (GPA - 3.0)

GCE ADVANCE LEVEL (PHYSICAL SCIENCE) (2020)
Bandarawela Dharmashoka Central Collage

GCE ORDINARY LEVEL (2016)
Bandarawela Dharmashoka Central Collage

SKILLS

- Programming:** C, C++, Java, Python
- Operating Systems:** Linux (CentOS, Ubuntu, Fedora, RHEL), Windows (2009/2012/2019)
- Databases:** MySQL, PostgreSQL, MongoDB, Oracle, ProxySQL, Percona XtraDB Cluster
- DevOps & Tools:** Docker, Kubernetes, Jenkins, Ansible, Git
- Monitoring:** Grafana, Prometheus, Netdata
- Web/Application Servers:** Apache Tomcat, Wildfly, Glassfish, Nginx
- Cloud Platforms:** AWS, Azure (VMs, EIPs)
- Other:** Samba AD, OpenStack, VMware Workstation

EXTRACURRICULAR ACTIVITIES

- Member of Leo Club of SLIIT
- Member of School Prefect Board
- Member of School Cricket Team