



KASUN MADHUSHAN

UNDERGRADUATE

PERSONAL DETAILS

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TECHNICAL SKILLS

- AWS | GCP | AZURE
- Git | GitHub
- Jenkins
- Elk stack | Prometheus
- Cloud Watch
- BASH | Python
- JAVA | Go
- Docker | Kubernetes
- Linux | Windows Administration
- My SQL

SOFT SKILLS

- Communication Skills
- Team Collaboration
- Problem Solving
- Critical Thinking
- Time Management

LANGUAGES

- Sinhala : Native
- English : Fluent

SUMMARY

A dedicated Network Technology undergraduate with expertise in DevOps and cloud technologies. Passionate about creating scalable and efficient solutions, eager to contribute technical skills, and gain practical experience through an internship in a dynamic and innovative organization.

QUALIFICATIONS

Bachelor of Information and Communication Tech. Honors

Specialized in Network Technology
Faculty of Technology-University of Sri Jayewardenapura

EXPERIENCE

June 2023 - Aug 2024

Web Developer in New Pacific Systems & Technologies. Over 1 year experience in Designed and developed websites using platforms like WordPress, Wix and Feacreate, achieving a 30% increase in client engagement.

PROJECTS

01. Enterprise IT Infrastructure Deployment

Designed and implemented an enterprise IT infrastructure for a startup (USJP-Solutions) by deploying a Windows Server 2019-based Active Directory domain and a Linux-based web hosting and monitoring environment.

(Windows Server 2019, Active Directory, Ubuntu, Jenkins, Zabbix, Apache, Elastic Stack, AWS)

02. CI/CD Pipeline for a Next.js Application

Implemented an end-to-end CI/CD pipeline, reducing deployment time by 60% and improving code quality.

(Github actions, Docker, AWS, Node.js, Next.js)

03. Deployed Highly Available Web Application on AWS

Designed and executed a production-grade cloud infrastructure on AWS, achieving 99.9% uptime.

(Load balancer, AWS, Terraform, Node.js)

04. Mail-Wizard : AI mail assistant

Powerful, user-friendly application designed to generate quick and professional email replies using google Gemini API.

(React, Spring Boot, Java, Gemini API, Postman)

CERTIFICATIONS

- Introduction to Kubernetes LFS158
- AWS Certified Solution Architect Associate Course (ongoing)

REFEREES

DR. D.L.C.P LIYANAGE

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