LAKMAL WIJETHUNGA

X.com/lakmal_wijeth inkedin.com/in/lakmalwije

PROFILE

Innovative and tech-savvy expert in 3D visualization, generative AI, and IT support. Skilled in Blender 3D, CLO 3D, open-source AI models, and computer vision. Passionate about AI, VFX, and software development, with a strong problem-solving mindset and a drive for innovation and continuous learning.

C O N T A C T

Phone: 076 - 8681539 Email: mpplwijethunga@gmail.com Address: 114/02, Maladeniya, Kithalawalana, Mirigama.

SKILLS

- Collaboration & teamwork
- Continuous learning & research
- Hardware Troubleshooting
- Self Learning
- Attention to Details

SOFTWARE TOOLS

- 3D Visualization (Blender | CLO3D | Fusion 360)
- Generative AI (Stable Diffusion | LLM)
- Microsoft Office (Excel | Word | PowerPoint)

LANGUAGES

- Sinhala
- English

EXTRACURRICULAR ACTIVITIES

Committee Member

Astronomy and Space Science Association University of Kelaniya

Committee Member Electronics Students Society University of Kelaniya

Member Legion Club University of Kelaniya

Member Physics Students Society University of Kelaniya

REFERENCE

Dr J A Seneviratne

Senior Lecturer, Department of Physics and Electronics, University of Kelaniya Phone - 0718226117 E-mail - jehans@kln.ac.lk

PROJECTS

Smart Monkey Repellent System Electronics Research Project

Developed an AI-powered automated system using an ESP32-CAM module for real-time monkey detection. Integrated a Class D amplifier to emit deterrent sounds and a GSM module for SMS alerts, providing a non-harmful solution to mitigate humanmonkey conflicts.

BoardingHub | Boarding house management system Java Project

Juice Bar Management System Web Development Project

EDUCATION

BSc in Physics and Electronics | 2025 University of Kelaniya

G C E Advanced Level Examination | 2020

Bandaranayake College | Gampaha

G C E Ordinary Level Examination | 2016

Wickramashila National School | Giriulla

WORK EXPERIENCES

IT Support | 2021-2022

R S Wickramasinghe & Company (Pvt) Limited

Provided comprehensive IT support for site operations, ensuring seamless system functionality. Diagnosed and resolved hardware and software issues to maintain high availability and reliability. Collaborated with teams to implement technical improvements and optimize performance.

ACHIEVEMENTS

Smart Monkey Repellent System Second Runner-Up

Research Project Exhibition Physics and Electronics Department University of Kelaniya

Malitha Dilshan

Research Assistant, Department of Physics and Electronics, University of Kelaniya Phone - 071 718 3318 E-mail - <u>rhmdi211@kln.ac.lk</u>