

University of Kelaniya

# Open-Source Summit '24

# Open-Source Summit '24

Empowering Open-Source Innovation in University of Kelaniya



9<sup>th</sup> March – 27<sup>th</sup> April, 2024



Faculty of Computing and Technology,  
University of Kelaniya, Sri Lanka



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களனி பல்கலைக்கழகம்  
UNIVERSITY OF KELANIYA



Free and Open Source  
Community  
Sri Lanka

# FOSS Community

University of Kelaniya

The University of Kelaniya boasts a thriving Free and Open-Source Software (FOSS) community, brimming with passionate students, developers, and innovators. We are dedicated on:

- Promoting open-source technologies and philosophies
- Cultivating collaborative learning and knowledge sharing
- Developing practical skills through workshops, hackathons, and real-world projects
- Building a diverse and inclusive tech ecosystem within the university and beyond



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# Open-Source Summit '24

This proposal outlines Open-Source Summit 24, a six-days filled with learning sessions with hands-on workshops and a developer summit designed to empower University of Kelaniya students with open-source knowledge, practical skills, and opportunities to engage in the tech community. With a focus on cutting-edge topics such as cloud native development, secure coding, and Artificial Intelligence. The event aims to bridge the gap between academic learning and industry demands, preparing students for future careers in computing technology.



# Target Audience

Open-Source Summit 24 is targeted towards all students at University of Kelaniya, regardless of their academic year or technical background. We aim to foster a diverse and inclusive environment where beginners can discover the world of open-source, intermediate students can deepen their knowledge, and advanced developers can share their expertise.





# Empowering open-source innovation in University of Kelaniya

# Event Objectives

- Equip students with practical skills and knowledge in relevant open-source technologies
- Expose students to cutting-edge trends and innovations in the open-source world
- Promote collaboration and networking opportunities within the local and international tech community
- Inspire students to contribute to open-source projects and become active members of the community
- Highlight the potential of open-source for solving real-world problems in Sri Lanka

# Event Overview

- **Date:** 9<sup>th</sup> March to 27<sup>th</sup> April, 2024
- **Participation:** 250+ computing undergraduates at University of Kelaniya, Sri Lanka
- **Location:** Faculty of Computing and Technology, University of Kelaniya, Sri Lanka
- **Duration:** 6 days with 5 days pre-summit workshops (half-day each)
- **Tracks:** FOSS, Cloud-Native Development, Cybersecurity and Artificial Intelligence
- **Session formats:** Lectures, hands-on workshops, panel discussions, lightning talks, keynote addresses



# FOSS Workshops

- **Software Development Best Practices**  
Enhance your development skills with version control using Git, GitHub Actions, and workspaces
- **Cloud Native Development**  
Dive into containerization, orchestration, and open-source cloud platforms
- **Artificial Intelligence and NLP**  
Explore transformers, large language models, and hands-on model training and deployment
- **Automation**  
Master efficient shell scripting and build powerful automation workflows with Ansible
- **Cybersecurity**  
Learn secure coding principles, vulnerability hunting techniques, and explore open-source security projects

# Timeline



# Academic Speakers

OPEN-SOURCE SUMMIT '24



**Dr. Rajitha Tennekoon**  
Senior Lecturer (Grade II) in  
Computer Science  
PhD(Keio, Japan), MSc(SHU,  
UK), BSc(SHU, UK)



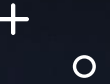
**Mr. Akash Perera**  
Lecturer  
BICT (Hons.) Specialized in  
Computer Networking  
(Kelaniya)



**Ms. Meesha Mervyn**  
Demonstrator  
B.Sc. (Hons.) in Computer  
Science Specialized in Artificial  
Intelligence (Kelaniya)

# Speakers

(Pre-Summit Workshops)



OPEN-SOURCE SUMMIT '24

- **Two Local Developer Communities**

- At the Open-Source Summit 2024, we proudly welcome passionate speakers representing two (2) prominent developer communities.

- **Three Industry Speakers**

- Open-source is revolutionizing industries, and at the Open-Source Summit 2024, you will hear directly from the experts.
- Witness firsthand how leading companies are leveraging open-source and shaping the future of technology.

# Speakers

(Developer Summit)



OPEN-SOURCE SUMMIT '24

- **Two International Communities**

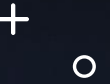
- Gain insights into the diverse and vibrant international open-source community.
- Learn how to engage with international talent and projects.
- Discover opportunities for global collaboration.

- **Diamond Sponsor Speaker**

- A unique opportunity to learn from the best and gain valuable perspectives on the future of open-source collaboration.



# Contact Us



OPEN-SOURCE SUMMIT '24



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Stay Connected with Free and Open-Source Software Community – University of Kelaniya, Sri Lanka



University of Kelaniya



FOSS Sri Lanka Community



FOSS Community – University of Kelaniya



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<https://github.com/fossuok>



# Conclusion

Open-Source Summit '24 promises to be a valuable and impactful event for University of Kelaniya students, equipping them with the skills and knowledge needed to thrive in the open-source tech landscape. With its diverse program, focus on practical learning, and emphasis on community building, the event will contribute significantly to fostering a vibrant open-source culture within the university and beyond.

We kindly request your support for this exciting initiative.

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# Thank You

Free and Open-Source Software Community  
University of Kelaniya  
Sri Lanka

