University of Kelaniya

Open-Source Summit '24

Open-Source Summit '24

Empowering Open-Source Innovation in University of Kelaniya

📅 9th March – 27th April, 2024

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

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களனி பல்கலைக்கழகம்
UNIVERSITY OF KELANIYA

FOSS UOK COMMUNITY

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

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.

Snyk x FOSS Community

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Snyk to secure the summit

Snyk's dedication to empowering the open-source community through pioneering security solutions resonates deeply with our vision for Open-Source Summit '24. Your innovative approaches to securing billions of lines of code, coupled with your active community engagement, perfectly align with our mission to foster a secure and collaborative development environment.

Partnership with Snyk

We are excited to partner with Snyk for a webinar on the Open-Source Summit '24, demonstrating our commitment to amplifying your message and supporting shared initiatives. Partnering with Snyk would enrich the summit in several ways:

- **Valuable Insights:** Share your expertise, equipping attendees with actionable knowledge to confidently navigate the secure open-source landscape.

- **Meaningful Discussions:** Spark thought-provoking dialogues on the state of open-source security, fostering collaboration.

- **Community Outreach:** Connect with and inspire a diverse audience of passionate developers, strengthening your presence within the vibrant open-source community.

We sincerely believe that Snyk's participation would create a truly impactful experience for our attendees and make Open-Source Summit '24 a resounding success. We invite you to join us in this enriching journey and explore the exciting opportunities for collaboration.

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:** 9th March to 27th 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
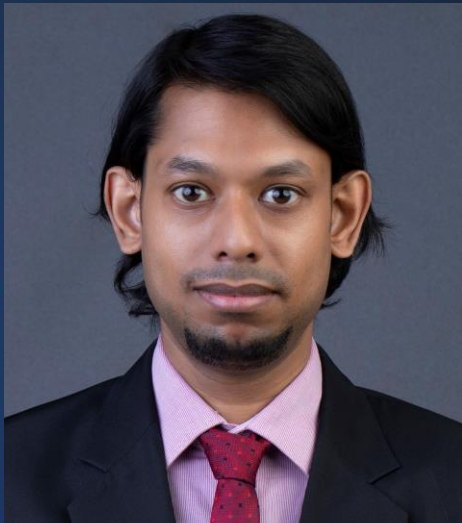
FOSS Workshops

- **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

Workshop 1

Workshop 2

Workshop 3

Workshop 4

Workshop 5

Open-Source Summit '24

| 9th March | 16th March | 23rd March | 30th March | 6th April | 2th April |

Academic Speakers

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)

- **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)

- **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
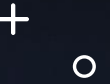
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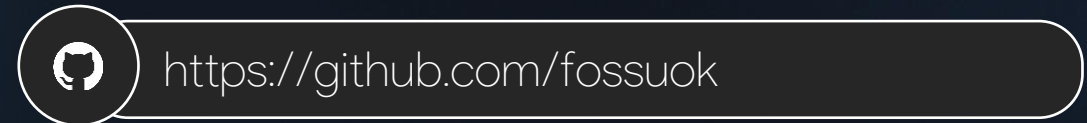Treasurer
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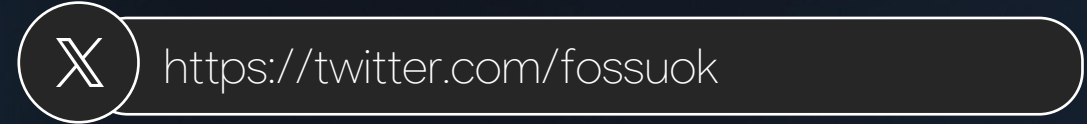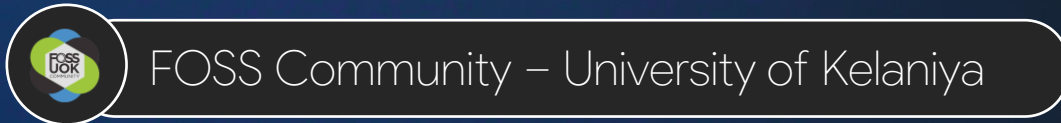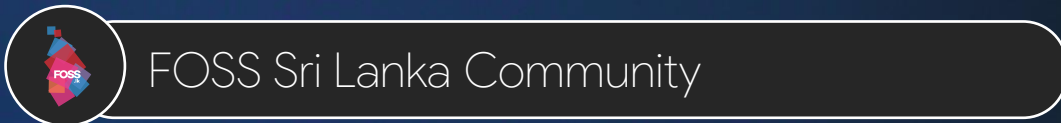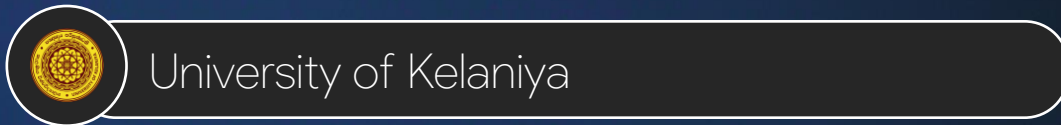+94 77 590 9353

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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.

Thank You

Free and Open-Source Software Community

University of Kelaniya

Sri Lanka