

University of Kelaniya

Open Dev '25 Summit

Transparency Report



University of Kelaniya

Open Dev Summit '25



26th April - 24th May , 2025



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



fossuok.org

Organized By



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களனிப் பல்கலைக்கழகம்
UNIVERSITY OF KELANIYA

Community Partner



Photography Partner





Report Content

University of Kelaniya
**Open Dev '25
Summit**

- Introduction
- Time Line
- Partners
- Pre-Summit Events
- Summit Day
- Event Highlights & Engagement
- Feedbacks
- Event Financial Report

The University of Kelaniya boasts a thriving Free and Open-Source Software (FOSS) community, brimming with passionate students, developers, and innovators. Our community is dedicated to,

- Promoting open-source technologies and philosophies
- Cultivating collaborative learning and knowledge sharing
- Developing practical skills through workshops and real-world projects
- Building a diverse and inclusive tech ecosystem within the university and beyond
- Building a transparent community that always values integrity and core values

Open Dev Summit '25

This report presents the final overview of Open Dev Summit '25, organised for the second time by FOSS Community UOK. It is a dynamic six-day event series designed to equip undergraduate students with essential open-source skills, hands-on experience, and industry connections.

Participants had the opportunity to explore the latest topics, including Linux, DevOps, cloud-native technologies, quality assurance, and Software Development through interactive workshops, expert-led sessions, and a developer summit.

The event came to its conclusion on 24th May 2025 with the successful completion of the summit day.



Event Timeline

University of Kelaniya
Open Dev Summit '25

Workshop 1

Week 1

Linux Fundamentals

Workshop 3

Week 3

Building Modern Web
Apps

Workshop 5 & 6

Week 5

Infrastructure automation with Terraform.
Building transparent LLM application

Open Dev Summit

on May 24th
at FCT Premises

Workshop 2

Week 2

FOSS Tools for Big
Data & AI

Workshop 4

Week 4

Mobile Application
Development

ODS '25 Partners

University of Kelaniya
Open Dev '25
Summit



Community Partner



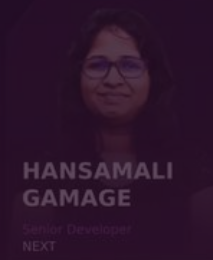






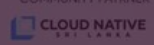

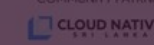

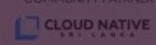


Photography Partner



Pre Summit Workshops

26 April - 17 May 2025 | University of Kelaniya

Open Dev Summit '25		Open Dev Summit '25		Open Dev Summit '25		Open Dev Summit '25		Open Dev Summit '25		Open Dev Summit '25	
	LINUX FUNDAMENTALS COMMAND LINE FILE SYSTEM PROCESS MANAGEMENT		FOSS TOOLS FOR BIG DATA & AI SPARK HADOOP AIRFLOW		BUILDING MODERN WEB APPS WITH .NET OPEN SOURCE TOOLS		MICRO-FRONTEND ARCHITECTURE TO MOBILE APPLICATIONS ANDROID IOS		INFRASTRUCTURE AUTOMATION WITH TERRAFORM		BUILDING TRANSPARENT LLM APPLICATIONS A GUIDE TO MONITORING AND OBSERVABILITY
FACULTY OF COMPUTING & TECHNOLOGY UNIVERSITY OF KELANIYA		FACULTY OF COMPUTING & TECHNOLOGY UNIVERSITY OF KELANIYA		ONLINE VIA 		Online Via  Zoom		FACULTY OF COMPUTING AND TECHNOLOGY ACADEMIC BUILDING - SCALED - 08 - 01		FACULTY OF COMPUTING AND TECHNOLOGY ACADEMIC BUILDING - SCALED - 08 - 01	
26 APRIL SATURDAY 09:00 AM		03 MAY SATURDAY 09:00 AM		06 MAY TUESDAY 06:00 PM		10 MAY SATURDAY 08:00 AM		17 MAY SATURDAY 09:00 AM		17 MAY SATURDAY 10:30 AM	
ORGANIZED BY 		COMMUNITY PATRNER 		ORGANIZED BY 		COMMUNITY PATRNER 		ORGANIZED BY 		COMMUNITY PATRNER 	

06
Events

06
Speakers

170+
Attendees

10+
Hours

Pre-Summit Sessions

University of Kelaniya
Open Dev Summit '25



**NUWAN
KAUSHALYA**

Lead Engineer - Technical Support
Persistent Systems

LINUX FUNDAMENTALS

COMMAND LINE
FILE SYSTEM
PROCESS MANAGEMENT

FACULTY OF COMPUTING & TECHNOLOGY
UNIVERSITY OF KELANIYA

26 APRIL SATURDAY 09:00 AM

Workshop 01



**ANJANA
DODAMPE**

Senior Software Engineer
London Stock Exchange Group

FOSS TOOLS FOR BIG DATA & AI

SPARK
HADOOP
AIRFLOW

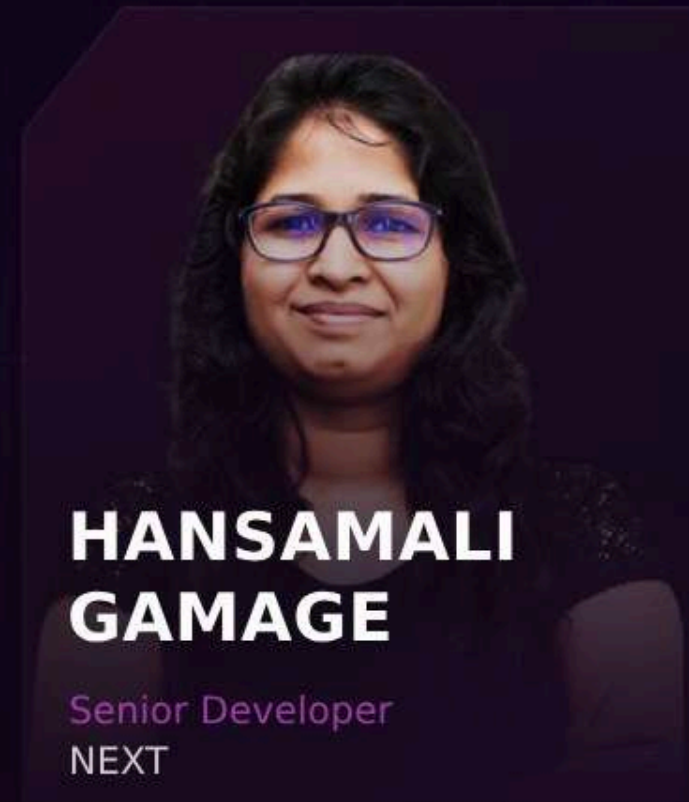
FACULTY OF COMPUTING & TECHNOLOGY
UNIVERSITY OF KELANIYA

03 MAY SATURDAY 09:00 AM

Workshop 02

Pre-Summit Sessions

University of Kelaniya
Open Dev Summit '25



BUILDING MODERN WEB APPS

WITH .NET
OPEN SOURCE TOOLS

ONLINE VIA  zoom

06 MAY TUESDAY 06:00 PM

Workshop 03



MICRO-FRONTEND ARCHITECTURE TO MOBILE APPLICATIONS

ANDROID
IOS



Online Via Zoom

10 MAY SATURDAY 08:00 AM

Workshop 04

Pre-Summit Sessions

University of Kelaniya
Open Dev Summit '25



**SACHITHRA
MANAMPERI**

DevOps Engineer
Insighture

INFRASTRUCTURE AUTOMATION

WITH TERRAFORM

FACULTY OF COMPUTING AND TECHNOLOGY
ACADEMIC BUILDING - SCALED - 08 - 01

17 MAY SATURDAY 09:00 AM

Workshop 05



**PASAN DEVIN
JAYAWARDENE**

Software Engineer AI/R&D
Insighture

BUILDING TRANSPARENT LLM APPLICATIONS

A GUIDE TO MONITORING
AND OBSERVABILITY

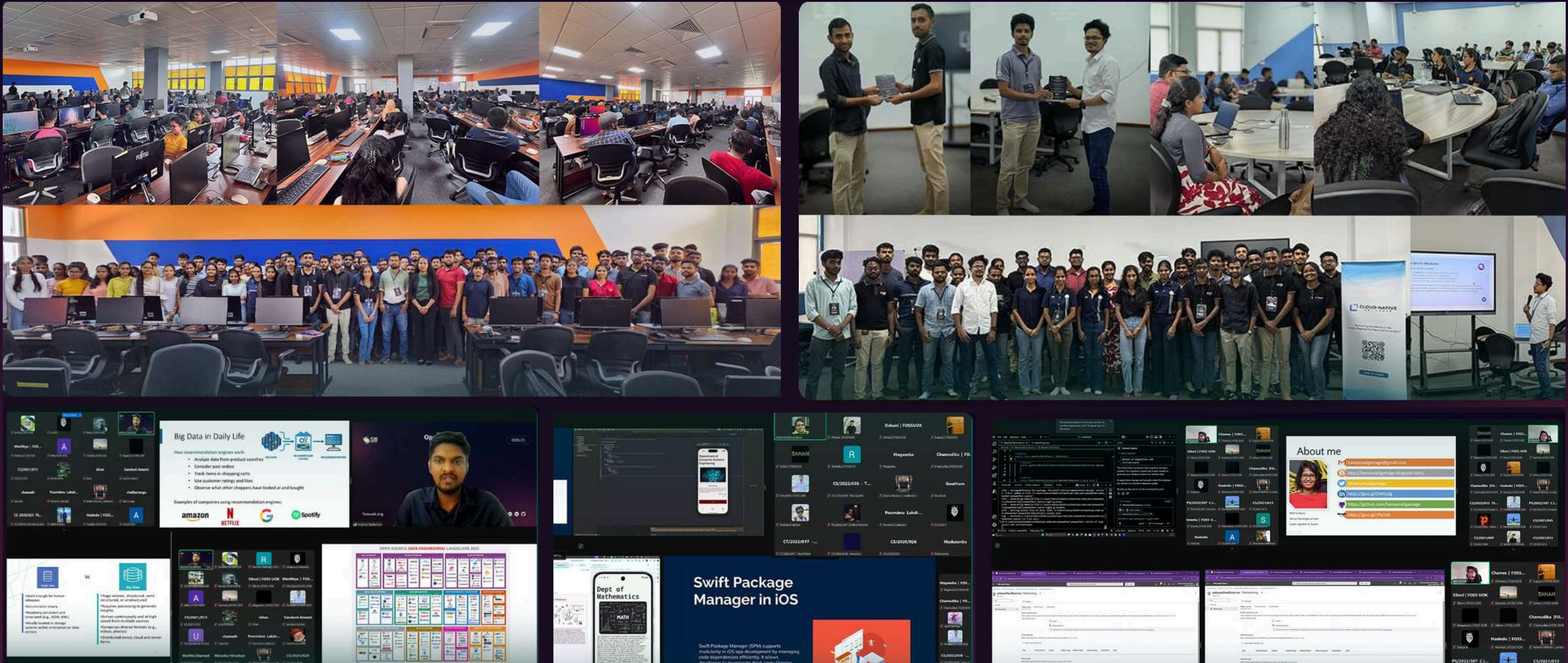
FACULTY OF COMPUTING AND TECHNOLOGY
ACADEMIC BUILDING - SCALED - 08 - 01

17 MAY SATURDAY 10:30 AM

Workshop 06

Highlights - Pre Summit

University of Kelaniya
Open Dev
Summit '25





Summit Overview

24 May , 2025 | University of Kelaniya

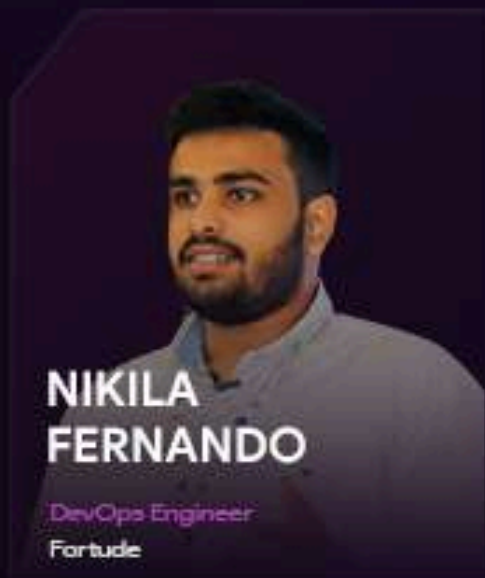
4
Sessions

50+
Attendees

4.5+
Hours

Summit Day

University of Kelaniya
Open Dev Summit '25



Kubernetes 101
Navigating the World of Containers



Modernizing Application
Authentication and
Authorization using IAM



Introduction to Crossplane
Manage All Your
Infrastructure from Kubernetes



Quality is Everyone's Business
Embracing a QA-First Mindset

24 MAY

SATURDAY

09:00 AM

FACULTY OF COMPUTING & TECHNOLOGY

Highlights - Summit Day

University of Kelaniya
Open Dev Summit '25

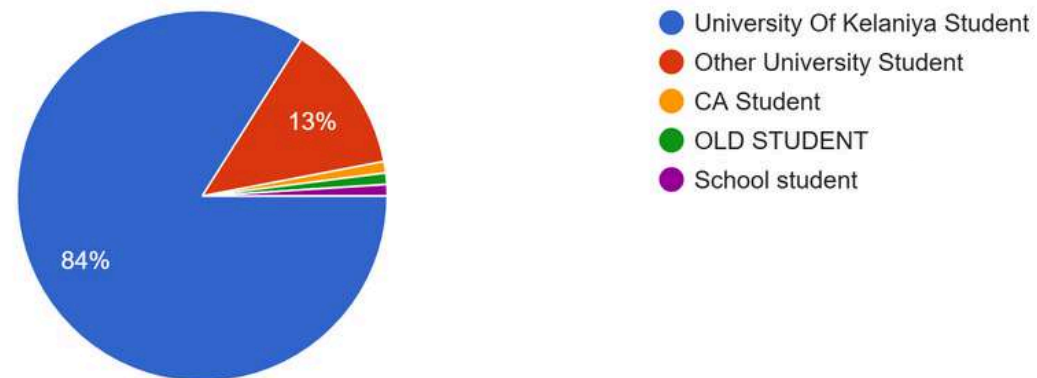


Event Engagement Statistics

University of Kelaniya
**Open Dev '25
Summit**

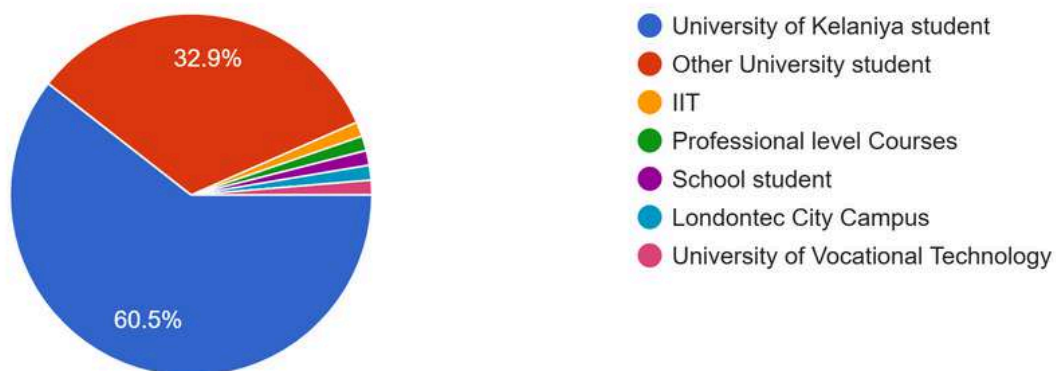
100 responses

Event 1



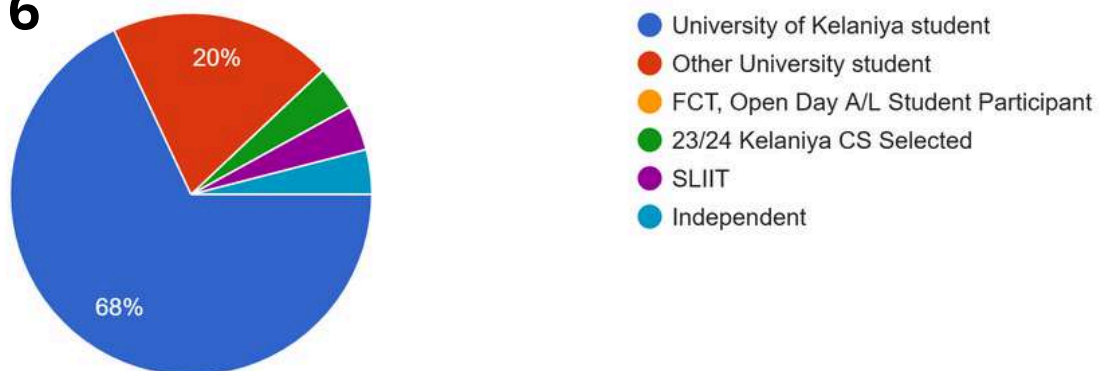
76 responses

Event 3



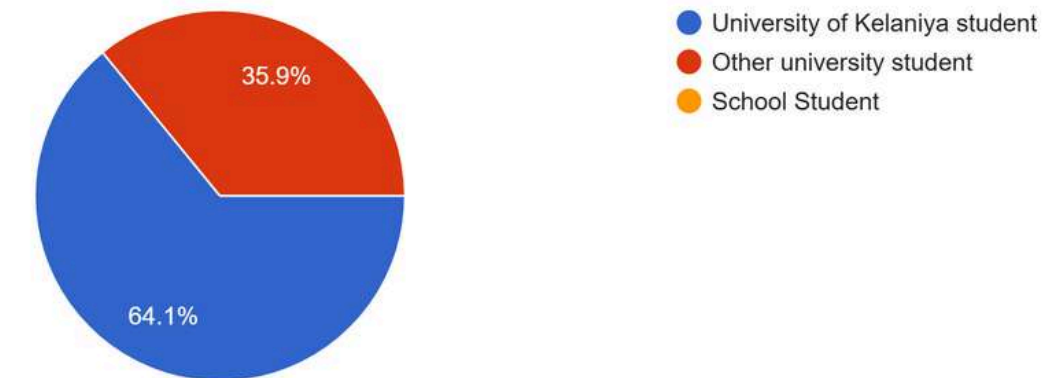
25 responses

Event 5 & 6



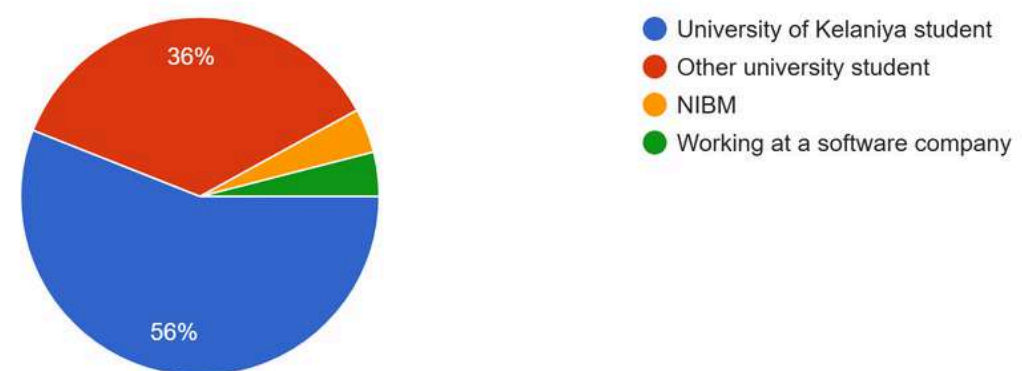
64 responses

Event 2



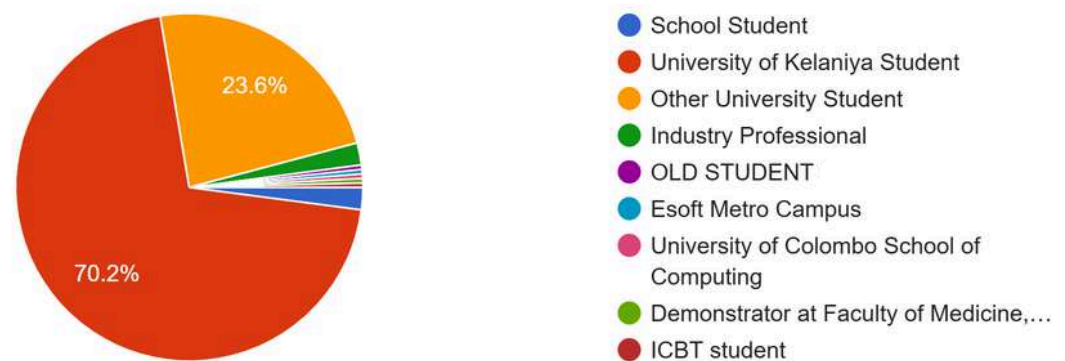
25 responses

Event 4



242 responses

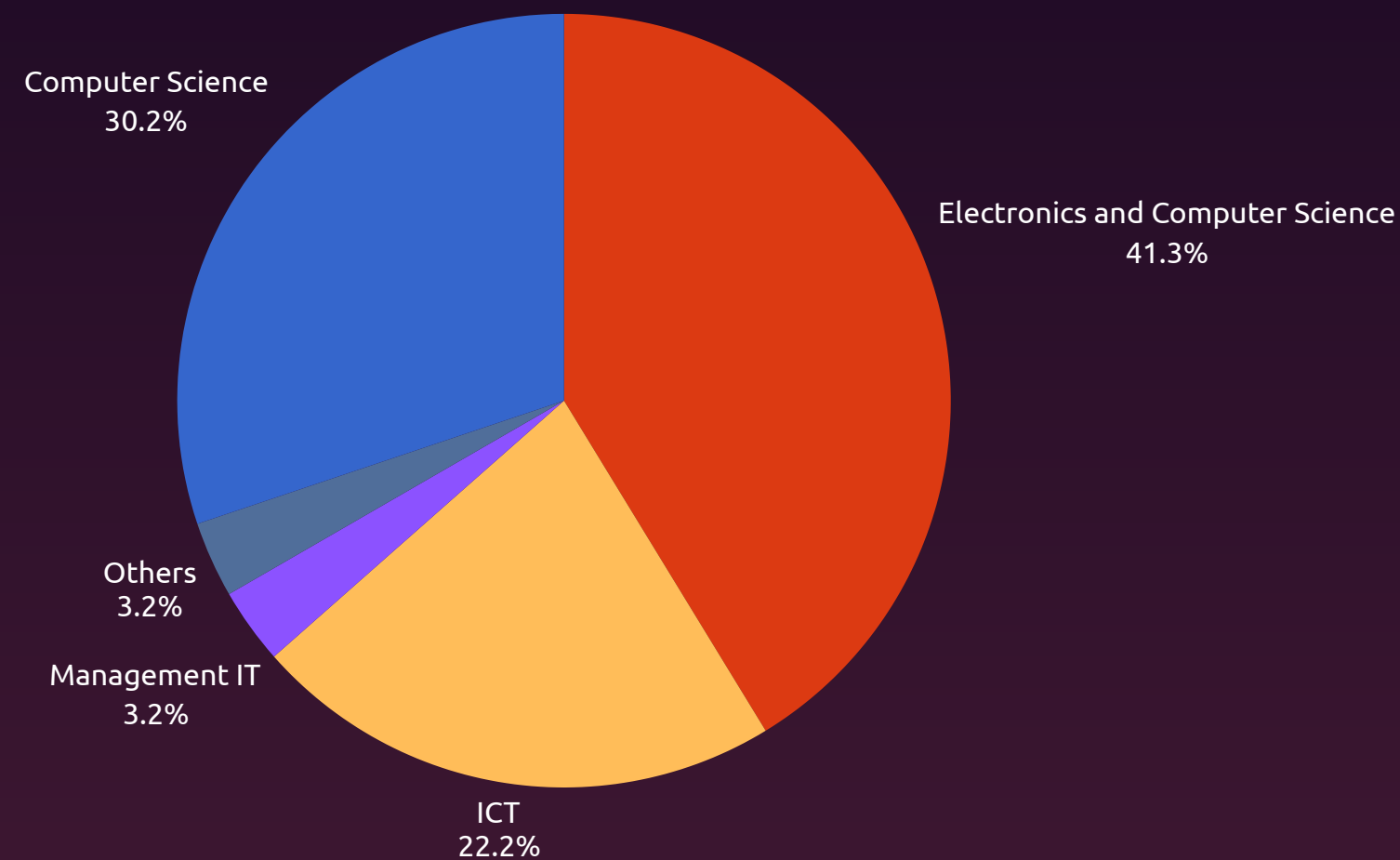
Summit



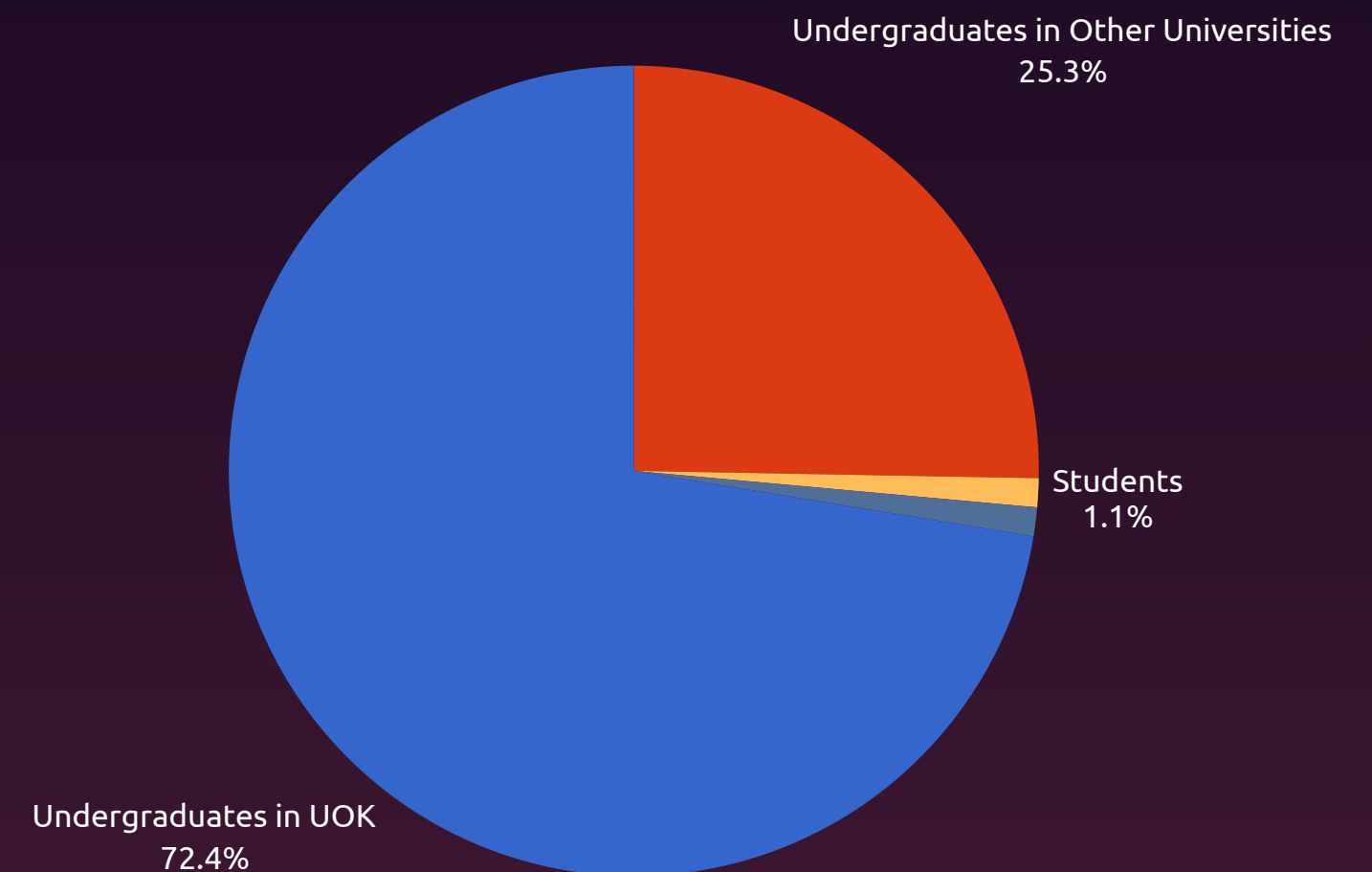
Event Engagement Statistics

University of Kelaniya
Open Dev Summit '25

Undergraduate Majors



Categories



Attendee demographics for the ods'25 series

Feedback - Community

University of Kelaniya
Open Dev Summit '25



Piumika Fernando • 1st
Undergraduate [Bsc.(Hons) in ICT] Faculty of Technology| University of Ru...

🌟 Thrilled to have participated in the Open Dev Summit at the [University of Kelaniya](#) !! 🎉

The event was an incredible opportunity to delve into the latest in open-source technologies and cloud-native development. The sessions were both enlightening and inspiring:

[Nikila Fernando](#) introduced us to the fundamentals of Kubernetes, providing a solid foundation for understanding container orchestration.

[Joy Rathnayake](#) discussed modern application authentication, emphasizing the importance of Identity and Access Management (IAM) in today's digital landscape.

[Buddhima Udaranga](#) shed light on Crossplane and how it can be utilized to manage infrastructure through Kubernetes, highlighting the power of infrastructure as code.

[Asma Muzammil](#) emphasized that quality is everyone's responsibility, advocating for a QA-first mindset in software development.

These insights have significantly broadened my understanding of DevOps practices, cloud-native technologies, and the importance of quality assurance in the software development lifecycle. I'm excited to apply these learnings to my future projects and continue exploring the vast world of open-source technologies. 🙌



Dhakshina perera • 2nd
Undergraduate at Cardiff Metropolitan University

+ Follow

Had an incredible time learning from industry leaders and diving into cutting-edge tech topics like:

- ♦ Kubernetes 101 – Mastering containerization
- ♦ Modernizing App Security with IAM
- ♦ Crossplane – Unified infrastructure management
- ♦ QA-First Mindset – Quality as a collective responsibility

Big thanks to the inspiring speakers:

[Nikila Fernando](#) (DevOps Engineer at Fortude)

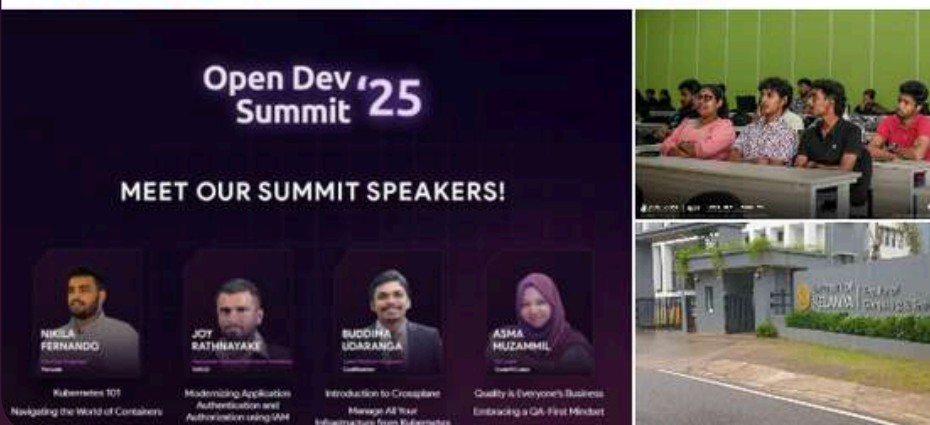
[Joy Rathnayake](#) (Associate Director / Solutions Architect at WSO2)

[Buddima udara](#) (Lead Platform Engineer at Codification)

[Asma Muzammil](#) (QA Lead at Code94 Labs)

Grateful to [FOSS Community - University of Kelaniya](#) and [Cloud Native Sri Lanka](#) for organizing this knowledge-packed event!

[#OpenDev25](#) [#CloudNative](#) [#Kubernetes](#) [#TechCommunity](#)



Sanduni Perera • 2nd
Student at University of Sri Jayewardenepura

+ Follow

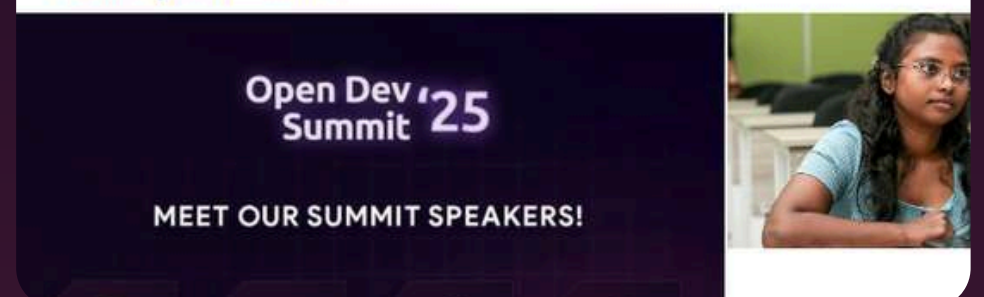
🌟 Excited to have participated in the Open Dev Summit '25, organized by the Faculty of Computing & Technology at the University of Kelaniya!

It was an inspiring day filled with insights from some of the best in the tech industry.

- ♦ [Nikila Fernando](#) – Kubernetes 101: Navigating the World of Containers
- ♦ [Joy Rathnayake](#) – Modernizing Application Authentication and Authorization using IAM
- ♦ [Buddima Udaranga](#) – Introduction to Crossplane: Manage All Your Infrastructure from Kubernetes
- ♦ [Asma Muzammil](#) – Quality is Everyone's Business: Embracing a QA-First Mindset

Grateful to FOSS UOK and Cloud Native Sri Lanka for organizing and partnering in this impactful event. 🌟

[#OpenDevSummit25](#) [#FOSSUOK](#) [#UniversityOfKelaniya](#) [#TechConference](#)
[#Kubernetes](#) [#DevOps](#) [#CloudNative](#) [#QA](#) [#IAM](#) [#Crossplane](#) [#Networking](#)
[#Learning](#) [#Innovation](#)



“Well organized and appreciate every hard work of the team. Wishing you to do more events like this.”

“I think it is good that you start with Linux. If we can get advanced Linux in the future, I think it is better.”

Feedback - Speakers



Honored to be a guest speaker at the Open Dev Summit '25 — the first workshop of the pre-workshop series — organized by the [FOSS Community - University of Kelaniya](#).

I had the opportunity to talk about **Linux** — covering what **Linux** is, why it is crucial for anyone planning to enter the IT industry, **Linux fundamentals**, the file system hierarchy, command-line basics, and an advanced section on process management.

The session was conducted as a hands-on experience in the Linux-installed computer lab, and I was thrilled to see such massive participation. It wasn't just students from the University of Kelaniya; students from other universities also joined, filling the lab and creating an energetic and engaging environment.

A special thank you to the [FOSS Community - University of Kelaniya](#) for inviting me, to **Dr. N.M. Hakmanage** Senior Treasurer of the FOSS Community, for the warm welcome, and to **Prof. Hesiri Dhammika Weerasinghe**, Dean of the Faculty of Computing and



Grateful for being able to give back to the community 🙏

[#bigdata](#) [#ai](#) [#foss](#)



Thank you for being part of this journey! ✨

We are incredibly grateful to Anjana... more



Kudos to all team members & participant! I'm really proud to deliver a session on this summit as an alumni member of faculty of science, UOK.

I was really love to have a session in-person in your premises, but due to the situation I was not able to. Therefore sorry for that and looking forward to meet you all in future.

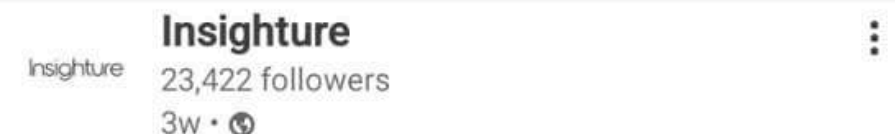
Thank you all the lectures, team members and students who was part of this program.



Excited to be speaking at the Open Dev Summit on building modern web applications with .NET and the cloud. Looking forward to sharing insights and connecting with fellow developers [#community](#) [#mvp](#) [#azure](#) [#techgirlsl](#)



Think Like a Web App Engineer! 💻



Tech talk alert 🚨 Our very own Sachithra Manamperi, DevOps Engineer at Insighture, will be leading a hands-on session on Infrastructure Automation at the University of Kelaniya. Don't miss it!

[#DevOpsCommunity](#) [#Terraform](#)



Automate Infrastructure Like a Pro!

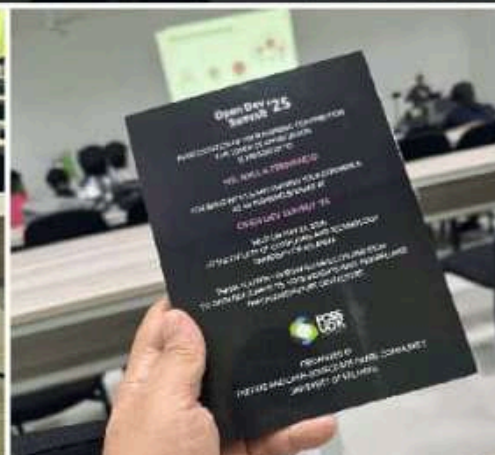
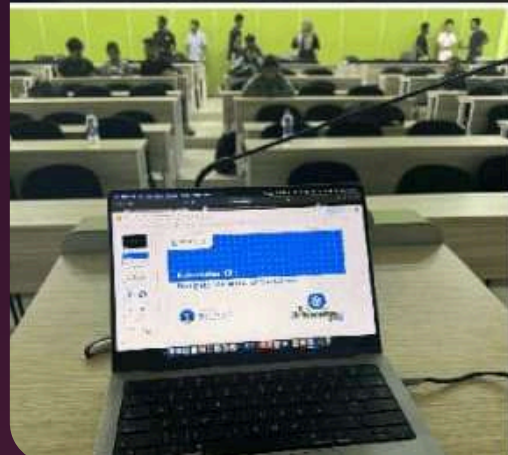

Join our hands-on workshop Infrastructure ... more

Feedback - Speakers

University of Kelaniya
Open Dev Summit '25



Nikila Fernando • Following
DevOps Advocate | Cloud Native Geek | ...
1w •

Delivered another **#Kubernetes** session at the Open-Dev Summit '25 hosted by **FOSS Community - University of Kelaniya** ... more



Joy Rathnayake • 1st
23+ Years of Experience | Solutions Architec...
[View my blog](#)
1w •

Got an opportunity to address the country's future talents... Addressed the Open Dev Summit organized by the Free and Open Source Software Community at the **University of Kelaniya Sri Lanka**, and delivered a session on "Modernizing AuthN and AuthZ with IAM"...
#OpenDevSummit #UniversityOfKelaniya #Kubernetes #IAM #Crossplane #QualityAssurance #DevOps #CloudNative #OpenSource



Asma Muzammil • 1st
QA Thought Leader | QA and Women ...
3d •

Last weekend, on Saturday, I got the opportunity to speak at the main dev summit organized by **FOSS Community - University of Kelaniya**!

From hosting events as an organizer last year to speaking at one this year, I've grown a lot as a person and professional. 🙏

I am grateful for the exhilarating experience from speaking in front of such a crowd. It was one filled with undergraduates who are passionate about the industry who represent the future of our country's technology industry.

I was the last speaker of the event and only women speaker as well as hijabi speaker of the entire event! Being there, and representing my fellow women and community felt really special. ✨🌟

Thank you to the **FOSS Community - University of Kelaniya** organizing committee and especially to **Wageesha Narandeniya** for coordinating this throughout the whole process. ❤️

Being there was a huge testament to the need of advocacy for quality assurance and women in technology. I appreciate everyone who has supported

Financial Report - Overview

Category		Income(Rs)	Expenses(Rs)
Community Fund	-	45,618	
Speaker Refreshments	S		8,765
Gift/ Souvenirs	G		11,150
Marketing/ Promotion	M		3,750
Food and Beverage	F		10,500
Event Programming	E		11,453
Total			45,618

Financial Report - Detailed

Expenses	Receipts	Amount	Total Expense (Rs)
Speaker Refreshments (Pre Summit)	S1, S2	x1,x6	4,755
Speaker Refreshments (Summit)	S3, S4	x2,x4	4,010
Souvenirs	G1, G2, G3	x1,x3,x4	8,000
Gifts (Notebooks)	G4	9	3,150
Stickers	M1	1 set	1,100
Community X Banner	M2	1	2,650
Participant Refreshments	F1, F2	x90, x80	10,500
Other Event Supplies	detailed in next page		

Financial Report - Detailed

Expenses	Receipts	Amount	Total Expense (Rs)
ID tags	E1	34	4,320
Microphone Batteries	E2	2	1,118
Tissues	E2	1	355
Water Bottles	E2	2	140
Transport	E3	*	500
Papers material	E4	2	120
Zoom Pro	E5	1 month	4,900



Attached Receipts

For more details, stay connected with the Free and Open-Source Software
Community at University of Kelaniya, Sri Lanka



<https://fossuok.org>



<https://github.com/fossuok>



<https://facebook.com/fossuok>



<https://x.com/fossuok>



<https://linkedin.com/company/fossuok>

Thank You !

FOSS Community at UOK

Sri Lanka

