

Open Source in 25 mins

Sako, DevOps, Opengov. @sakows

This presentation is available at:

<https://github.com/goupaz/comingsoon/2020>

PS: What could be done in an hour of prep :)

SOME BUZZ ABOUT SAKO

- Contact

Email: sako@opengov.com

Linkedin: <https://www.linkedin.com/in/sakom/>



- Education

MSc: ITU(US), Eurecom(France), Qafqaz Uni(Azerbaijan)

- Experience

Current :

- OpenGov Devops, San Francisco Area

Past:

- NGINX, Fraunhofer, SAP, Huawei, ZTE, Bakcell



MORE BUZZ ...



Google Summer of Code

This is to certify that

Shahriyar Mammadov

has completed

Google Summer of Code 2019

contributing to the open source project

Cloud Native Computing Foundation (CNCF)

May 27 - August 26, 2019

A handwritten signature in black ink, likely belonging to Chris DiBona.

Chris DiBona
Director of Open Source

Google



Motivation for Open Source?

It's fun: According to Wikipedia, open source is a hobby

Great advertising for you and company: Maintainers of successful open source projects are often seen as industry leaders

Learn to code in modern style: Open source is a great way to learn how to code

Fueled with new ideas

Reduce duplication effort: You should focus on your core competency

Train the next generation and get trained by top mentors: Many of the industry's most prominent engineers today learn by OSS

Follow the hot trends



What is Open Source?

Short: Open-source platform for knowledge and experience sharing

Long:

- egoless
- collaborative
- competent
- decentralized
- scalable
- fun

community culture

- structured
- indexed

data flow within community



What we contribute?

- Time or lack of motivation or fear to lose
- Nerves
- Money
- Shame
- Electricity
- ...



What we get?

- Experience
- Knowledge
- Visibility
- Friends
- Ideas
- Entrepreneur skills
- Love of young people
- Reputation in global tech
- ...



Community Work Model

- Decentralized, You are boss!
- You define / delay / postpone / cancel scope & deadline



Use Case 01

- NGINMESH / NGINX
 - Alternate proxy to Envoy in Istio, Service Mesh



- Getting Introduced to Open Source world, 60+ meetups within a year

Reference: <https://github.com/nginxinc/nginxmesh>



Use Case 02

- GOUP



- ❑ Onboard Open Source community spirit
- ❑ Good leaders talk about it
- ❑ Community needs your expertise, motivation and love

Reference: <https://github.com/goupaz>



Use Case 03

- JobHax
 - Open Source platform enabling students build meaningful career



- No more boring school projects

Reference: <https://github.com/job-hax>



Use Case 04

- Kube-downscaler
 - Scale down Kubernetes deployments after work hours

Added Helm chart by Opengov #19

Merged hjacobs merged 4 commits into `hjacobs:master` from `sakomws:Helm-chart` on Oct 26, 2018

Conversation 7 | Commits 4 | Checks 0 | Files changed 17

sakomws commented on Oct 3, 2018 Contributor

Thanks for awesome work :)

1

Shahriyar Mammadov and others added 2 commits on Oct 3, 2018

- Added Helm chart by Opengov ✓ faaa5cb
- Update README.md Verified ✓ 502a54f

hjacobs commented on Oct 16, 2018 Owner

Thanks for your PR!

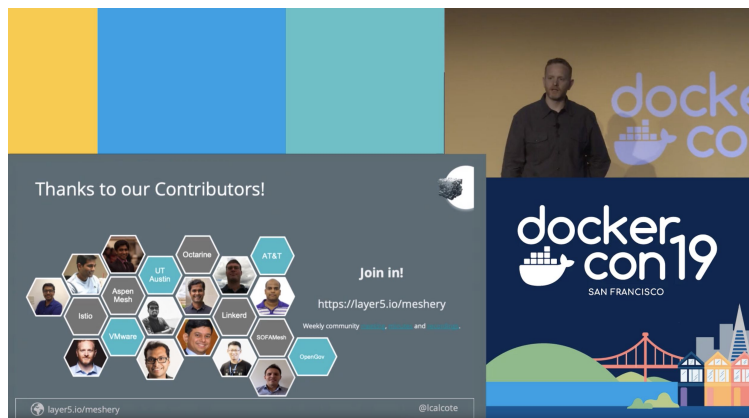
- Push back to community

Reference: <https://github.com/hjacobs/kube-downscaler>



Use Case 05

- Meshery
 - Service Meshes Benchmarking CNCF Project



- Get a top mentor for free / Follow hot trends

Reference: <https://github.com/layer5io/meshery>



Conclusion

Collaborate, contribute, benefit

