



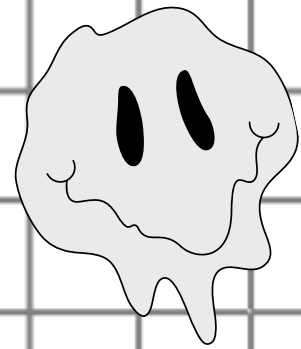
First Commit



To Mentor

Avinal Kumar

Software Engineer at RedHat, GSoC Mentor at FOSSology



Avinal Kumar

I am a Software Engineer II at Red Hat. I have contributed to Google Season of Docs 2020 at VideoLAN and Google Summer of Code 2021 at FOSSology. Since 2022, I've been mentoring in the open-source community, and I'm also a Tekton Results Maintainer. My work focuses on OpenShift applications, Tekton CD, and Shipwright. In my spare time, I play with single board computers and contribute to open source. I like watching anime, learning new things, seeing people fight on online forums.

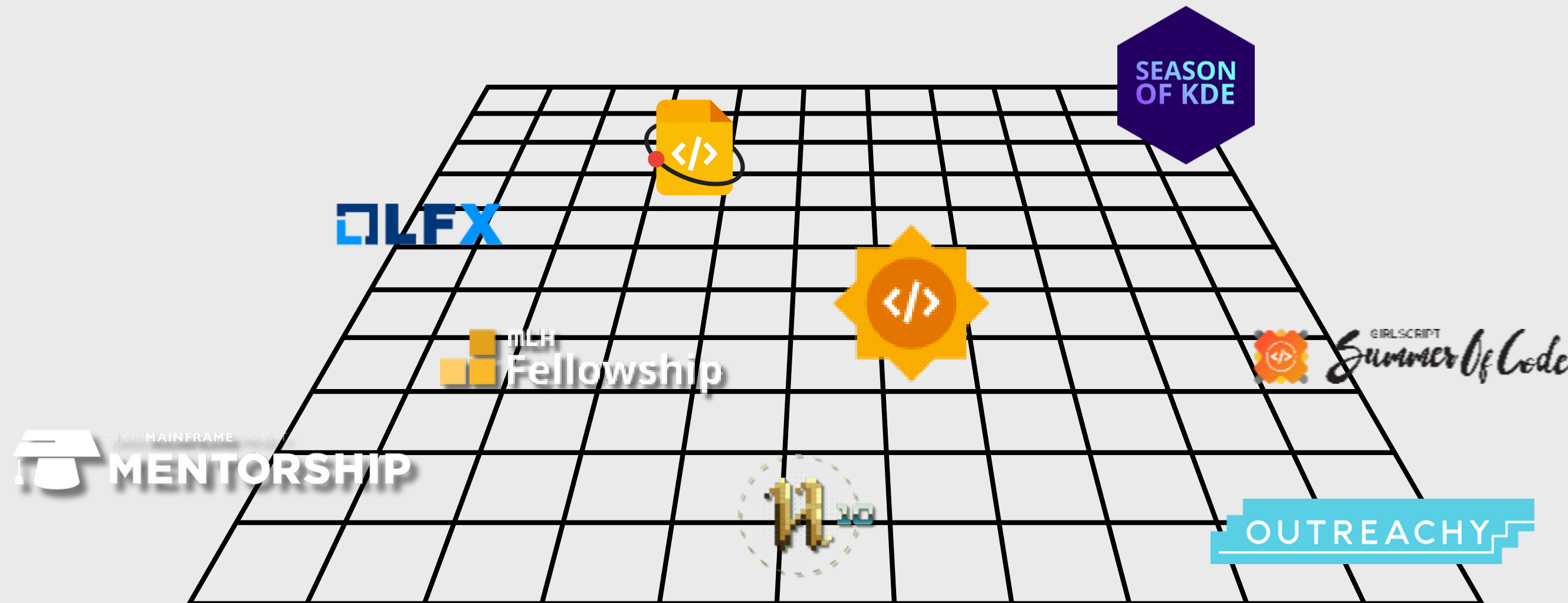
Agenda

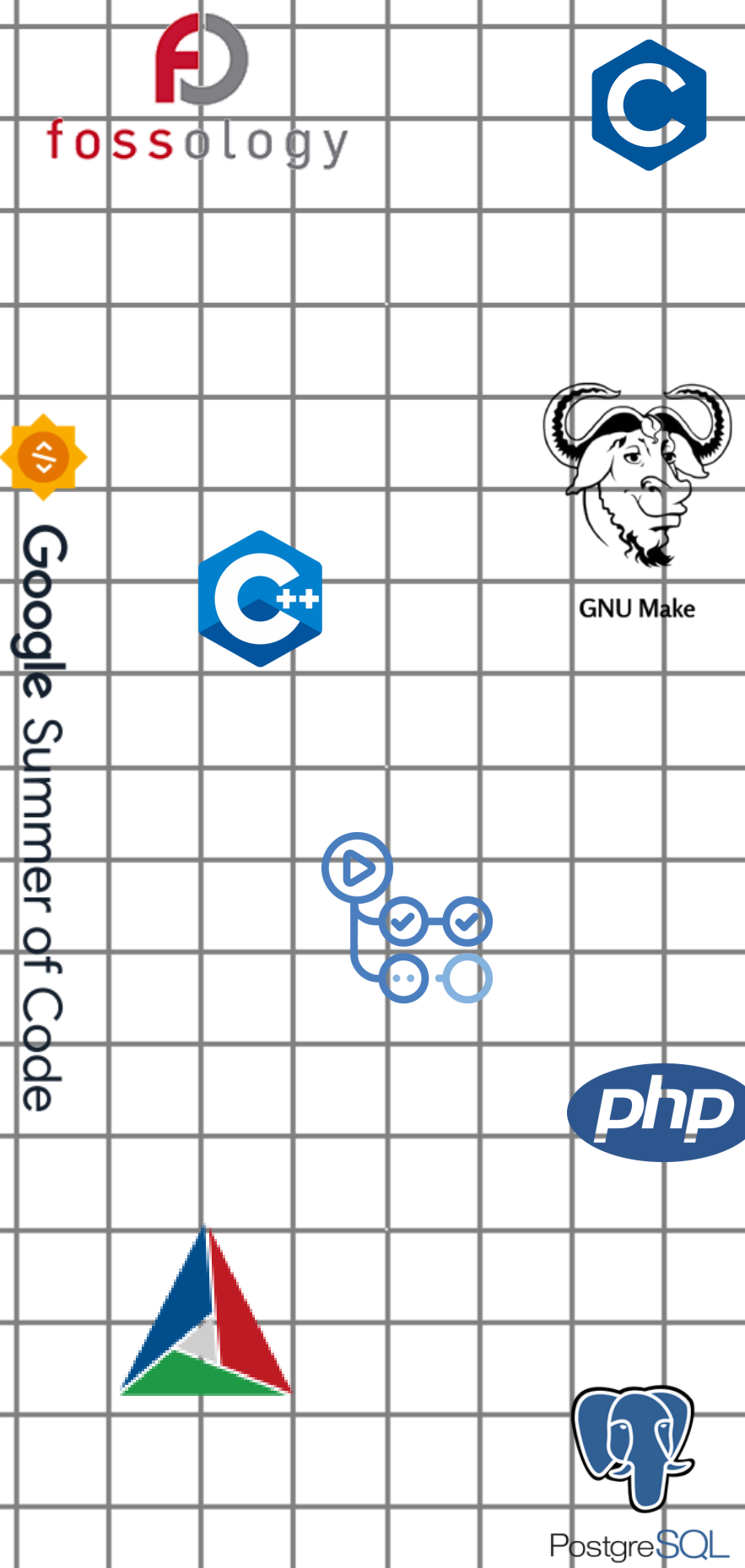
What's cooking for today?



- The Open Source Landscape
- Contribution Challenges
- Roles in Open Source
- Transitioning Roles
- Open Source Etiquette
- Questions?

The Open Source Landscape





New Build System and improving CI/CD workflow

FOSSology is an open-source license compliance software system and toolkit. License, copyright and export scanners are tools available to help with your compliance activities.

FOSSology's build system was based on multilevel Makefile that work together to provide a build infrastructure for the project. Although make is a robust build system, but it is too outdated and slow compared to modern build systems.

My goal was to migrate the project from Makefile-based builds to CMake and move the CI/CD from Travis CI to GitHub Actions.

Challenges

Sailing into unknown waters

Familiarity with the tech stack

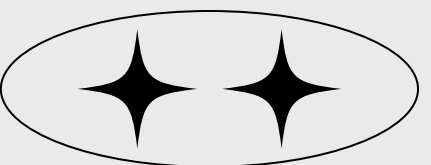
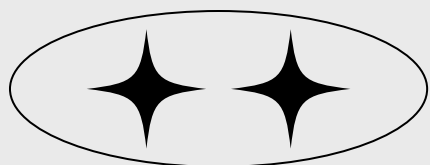
Understanding the build system

Navigating the project

Feasibility analysis

Testing

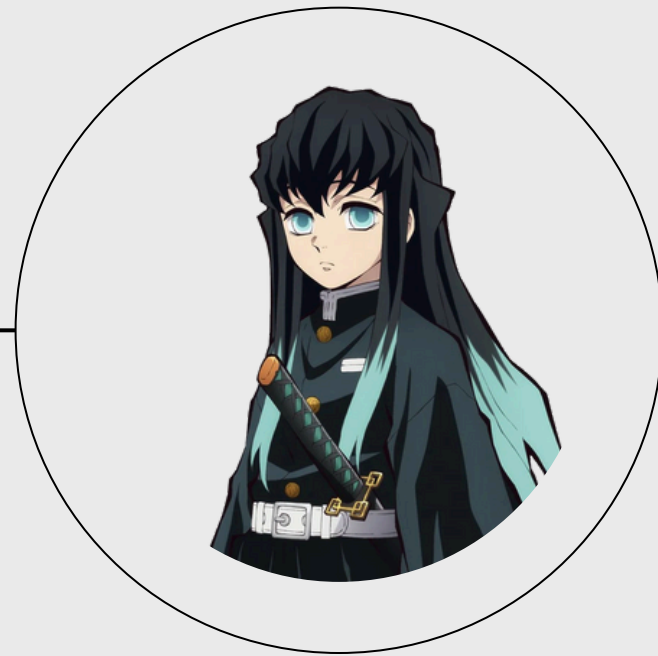
Community



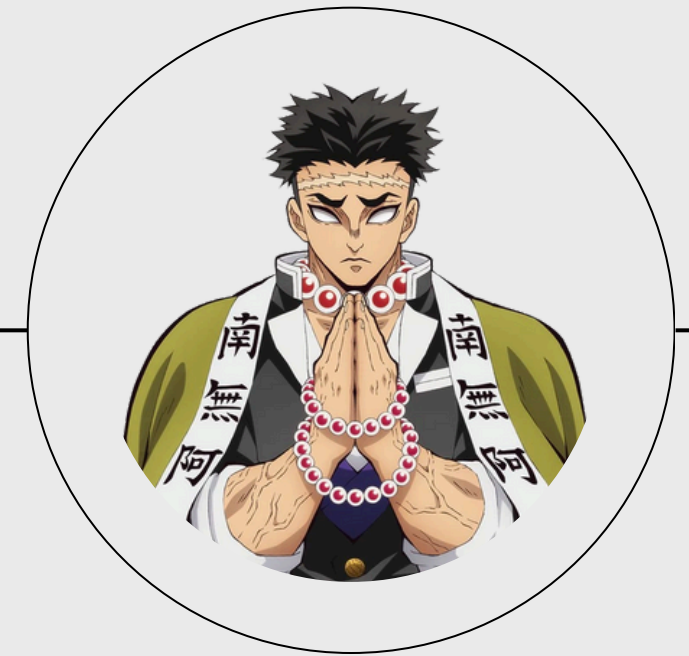
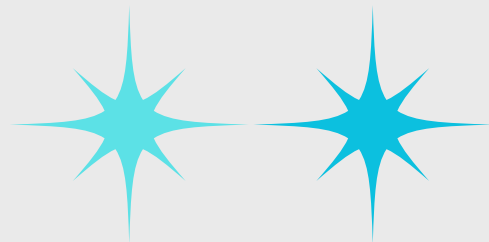
Roles in Open Source*



Mentee



Mentor



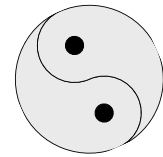
Maintainer



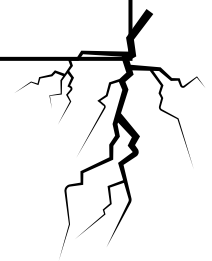
Responsibilities

&

EXPECTATIONS



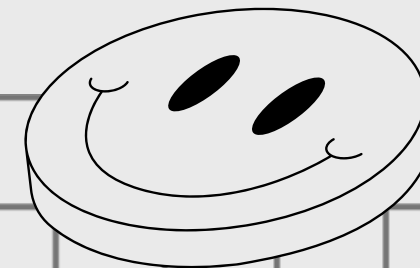
Mentee	Mentor	Maintainer
<ul style="list-style-type: none">• Good First Issues• Understanding the project• Getting familiar with the community• Learn Open Source contribution flow	<ul style="list-style-type: none">• Actively contributing• Reviewing pull request/ issues• Onboarding new contributors• Community moderators• Mentoring in Open Source programs	<ul style="list-style-type: none">• Project and Community Admins• Merging rights• In-depth understanding of the project• Top-level project decisions• Legends



Level sabke niklenge

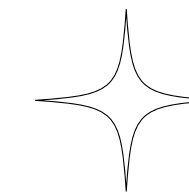


Lekin niklenge uske jo yahan khada rahega

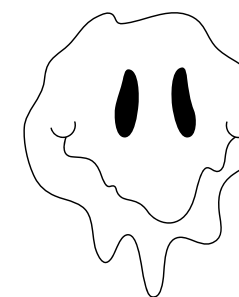




Do This & !That



Contributing to Open Source means learning its etiquette. There is a discipline to follow.



Explore first

Don't spam

Show efforts

Don't skip steps

Be persistence

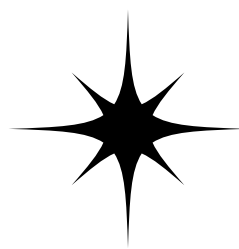
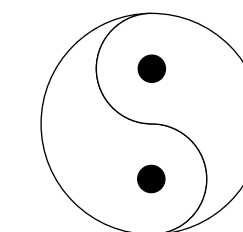
Don't withdraw

Be respectful

Don't bother anyone

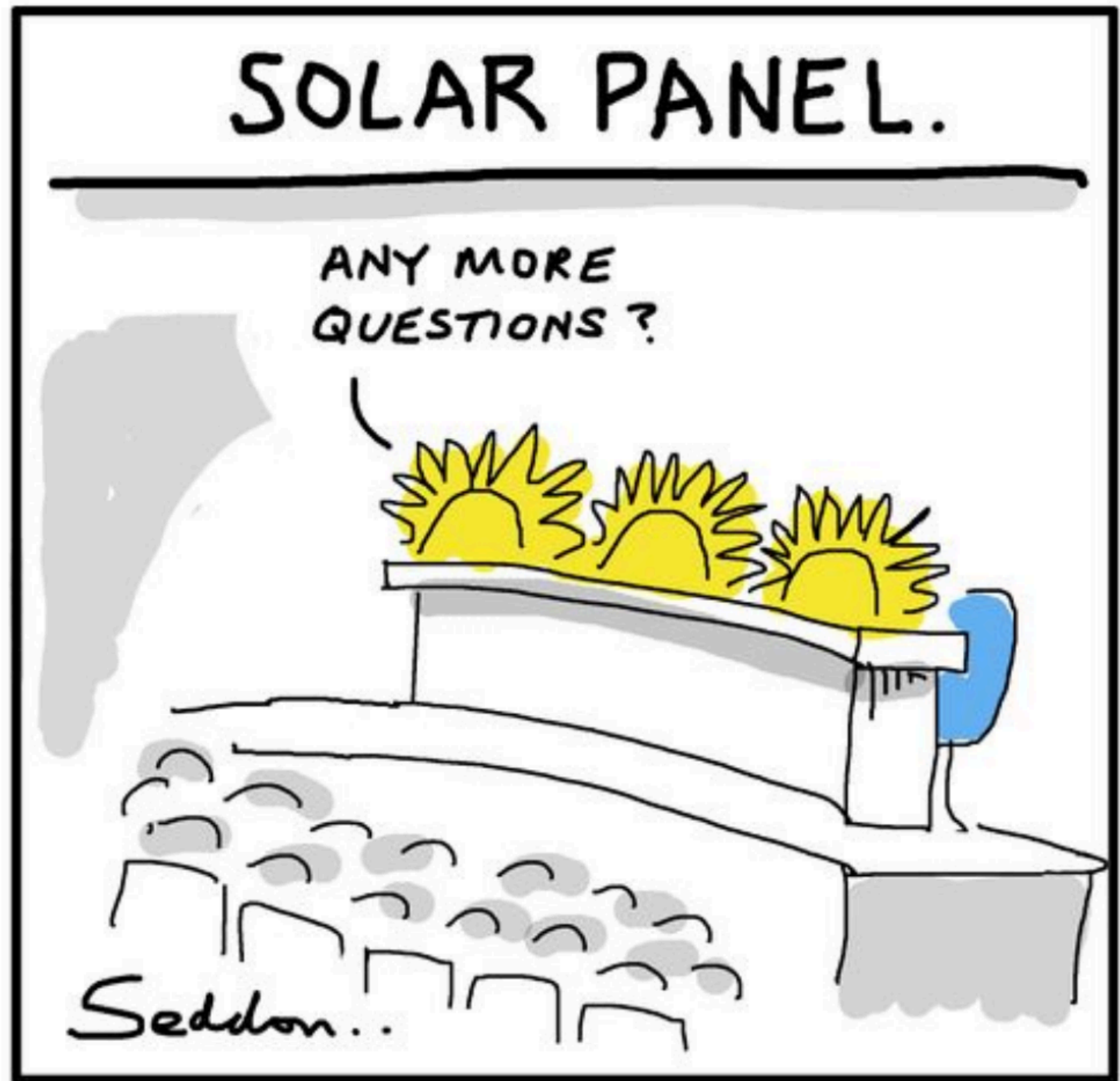
Ask questions

Don't be irresponsible



Questions?

Your final chance



Contributing to Open Source Insights and Opportunity



Gaurav Mishra

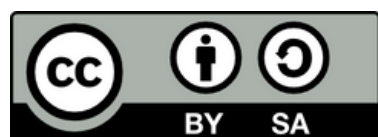


Shaheem Azmal



Kaushal





Thank You



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Acknowledgement

The FOSSology Project
Demon Slayer Fandom, Canva Template