Getting Started With
Open-source The Right Way

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👋🏼Hey!! I'm Dewan

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- ❤️ everything cloud-native
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Agenda

- Understanding open-source projects
- Values of open-source

- Why YOU should contribute to open-source projects
- Who are open-source contributors?

- Three steps to your first open-source PR
- PR best practices

- Q&A | Resources

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Understanding open-source projects

Open Source != Free Software

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What are the values of open source?

- Peer review
- Transparency
- Reliability
- Flexibility
- Lower cost
- No vendor lock-in
- Open collaboration

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Why YOU should contribute to open-source projects

- Gaining experience

- Building new skills

- Building confidence

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Who are open-source contributors?

- Software Engineers
- SysAdmins
- Project Managers
- Developer Advocates
- Technical Writers
- UX/UI Designers
- QA/Testers
- … and more

Step 1: Learn git

Step 2: Choose an open-source project

Things to consider:

-   The programming language (for code contributions)
-   Area of interest
-   Size of the project

Step 3: Start contributing - Go raise that first PR!

Suggested approach:

- Block your weekly contributing hours. **Commit.**
- Identify **good-first-issue** (or similar tags) on projects
- Discuss on slack (or other comms) on the requirement
- Assign yourself to that issue. Be <u>committed</u> and <u>professional</u>
- Discuss on slack (or other comms) on the implementation
- Sign the CLA (optional)
- Raise a PR (fork original, work on your feature branch & create a PR)
- Have patience :)

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First PR Best Practices - For code contributors

1. Read the existing code
2. Ensure that your local dev environment is ready
3. Add value contributions - don't fix a typo for the sake of a PR
4. Perform manual tests and then add unit tests
5. Prepare and review your own PR
6. Listen to feedback with objective self criticism

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Resources

- [Getting started with open-source - a blog by Dewan Ahmed](#)
- [What is open source - A Red Hat blog](#)
- [Atlassian tutorials on Git](#)
- [Awesome resources for first time contributors](#)
- [Curated easy pickings from popular open-source projects](#)
- [How to make first PR - FreeCodeCamp](#)

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Thank you!

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Questions?

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