

A decorative border made of colorful LEGO bricks (red, blue, yellow, and green) arranged in a stepped pattern along the top and right edges of the slide.

Git and Github

Start of your OSS
journey

Who am I?



- Gaurav Jain
- DevOps Engineer at [Evaluateserve.com](https://evaluateserve.com)
- Anime Weeb
- I am always the imposter

Overview



1. Install git and create a Github account
2. Set up git
3. What is git?
4. Lets use git!
5. A surprise!



**Install git and
create a GitHub
account !**

Install git!

- Linux (Debian)
 - Command: `sudo apt-get install git`
- Linux (Fedora)
 - Command: `sudo yum install git`
- Mac
 - <http://git-scm.com/download/mac>
- Windows
 - <http://git-scm.com/download/win>

Create Github account

1. Go to www.github.com
2. Make an Account

Setup git!

```
$ git config --global user.name "Your Name"
```

```
$ git config --global user.email you@example.com
```



What is git?



What is Git

- Started in 2005
- Created by Linus Torvald to aid in Linux kernel development

A decorative border made of colorful LEGO bricks (red, blue, green, yellow) is arranged in a stepped pattern along the top, bottom, and sides of the slide.

What is distributed version control?

- Distributed version control
- Users keep entire code and history on their location machines
 - Users can make any changes without internet access
 - (Except pushing and pulling changes from a remote server)

A decorative border made of colorful LEGO bricks (red, blue, green, yellow) is arranged in a stepped pattern along the top, bottom, and right edges of the slide.

Some Terms

- **Repository:** A Git repository is a container for a project that is tracked by Git.
- **Staging Area:** Intermediate between pushing and working
- **Fork:** Getting a copy of a github repository
- **Pull Request:** You're proposing your changes and requesting that someone review and pull in your contribution and merge them into their branch

A decorative border made of colorful LEGO bricks (red, blue, green, yellow) is arranged in a stepped pattern along the top, bottom, and right edges of the slide.

Commands we will use

\$ git init -- Initializing a new repository

\$ git status -- Status of the current branch

\$ git add <file/folder name> -- Adding file/folder to staging

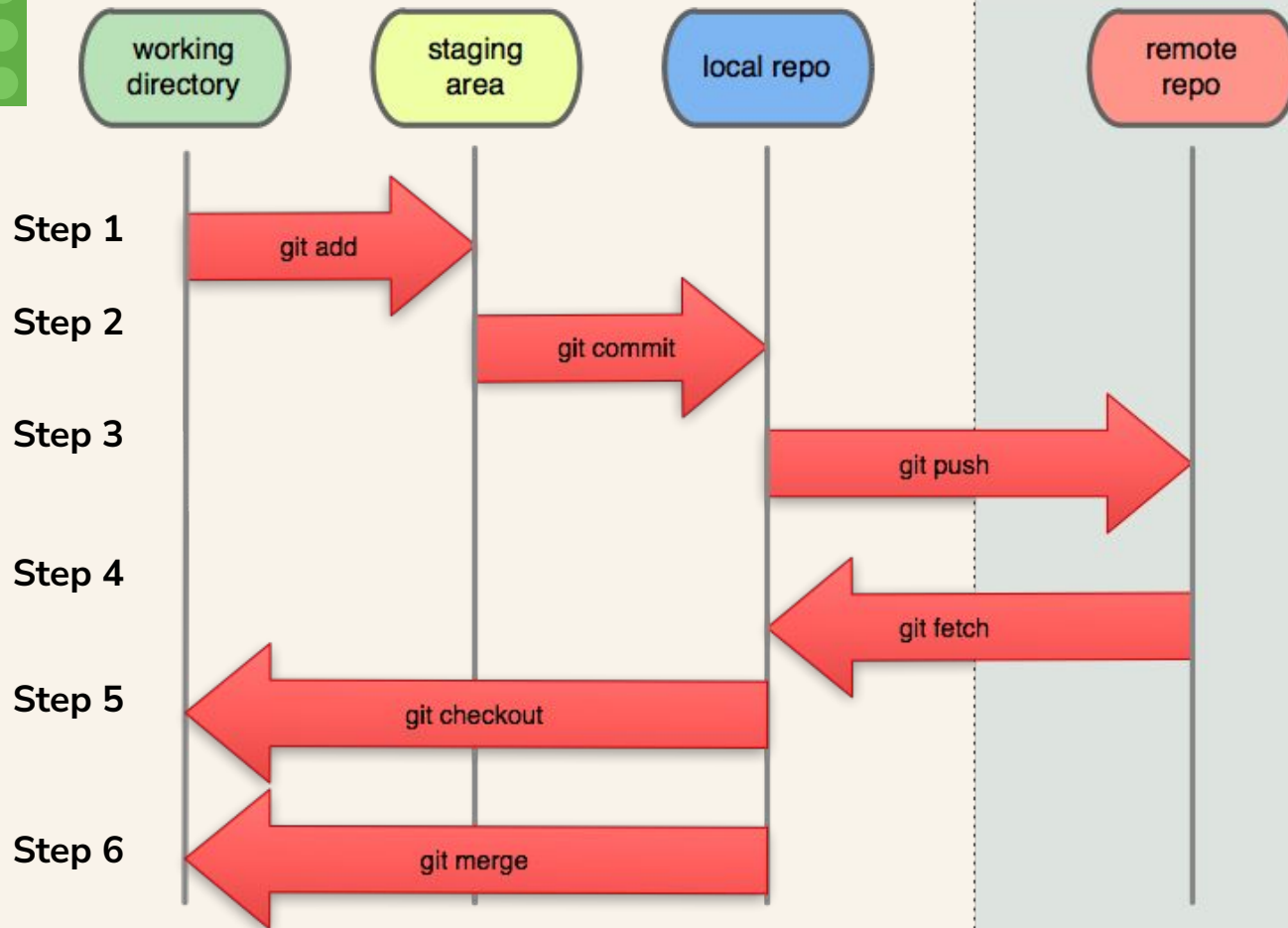
\$ git commit -m “message of commit” -- Committing staging files

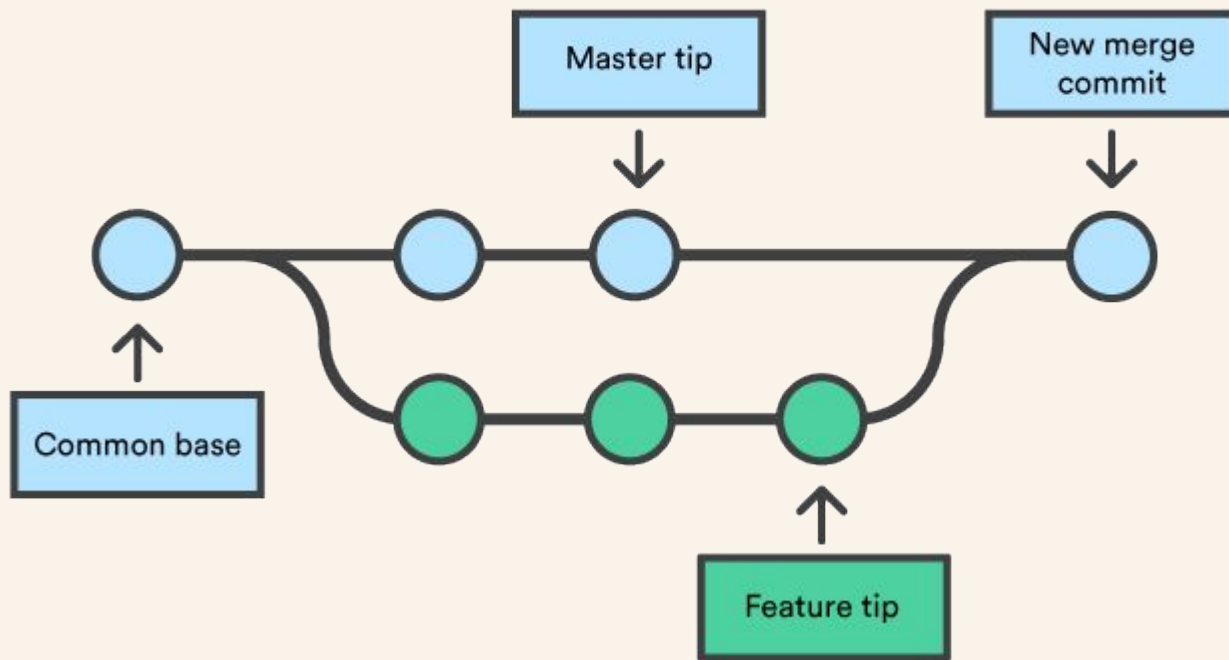
\$ git log -- logs of commits

\$ git checkout -b “new branch name” -- new branch

Local

Remote







Let's Do a PR!!

A decorative border on the left side of the slide, composed of various colored blocks (red, yellow, green, blue) with circular patterns, arranged in a stepped, staircase-like fashion.

THANKS!

Do you have any questions?

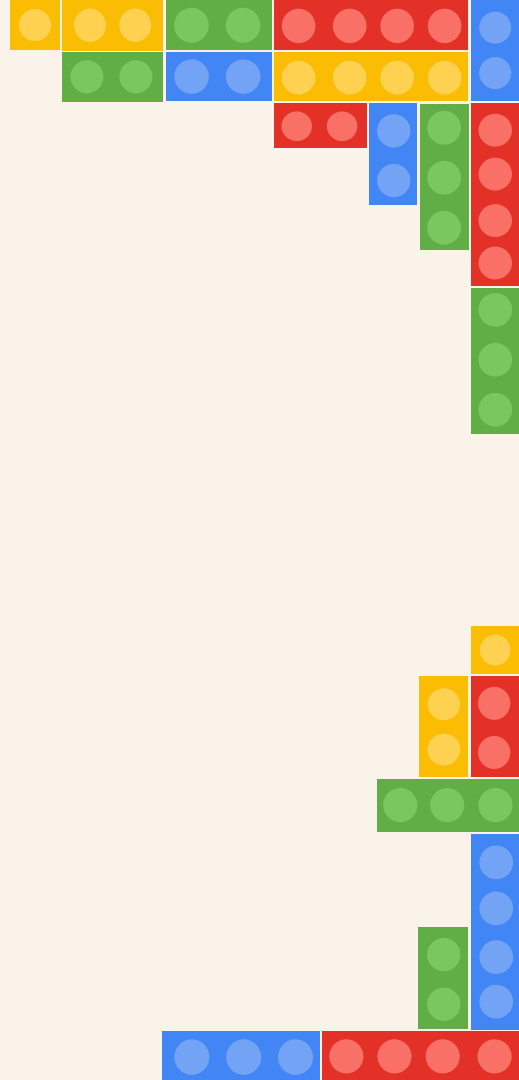
Twitter: gaurav_jain98

Github: @GauravJain98

Telegram: @CuberDude

Email: gauravcdj.98@gmail.com

CREDITS: This presentation template was created
by **Slidesgo**, including icons by **Flaticon**, and
infographics & images by **Freepik**

A decorative border on the right side of the slide, composed of various colored blocks (yellow, green, blue, red) with circular patterns, arranged in a stepped, staircase-like fashion.