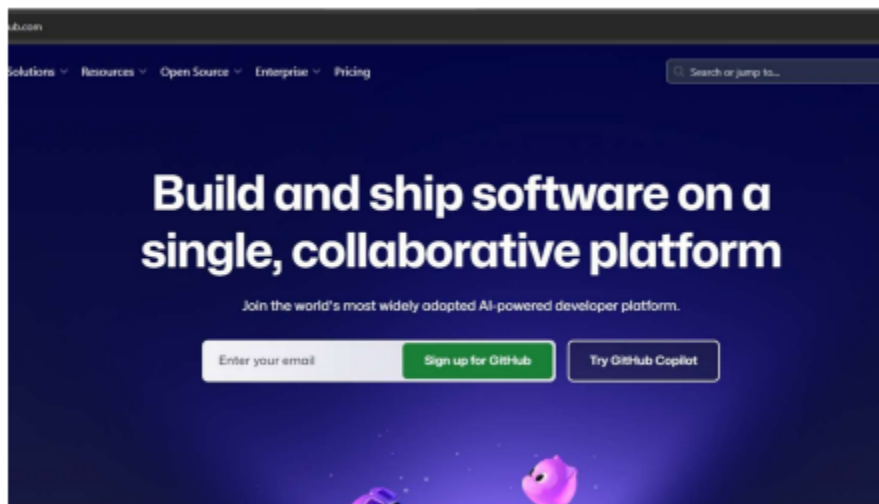


## **Difference between Git and Github:**


The diff b/w git and github git is a version control system that lets you manage and keep track of your source code history. GitHub is a cloud-based hosting service that lets you manage Git repositories. Git is Installed locally on your computer while github is Web-based, with optional desktop app. Git has features of Version tracking, branching, merging while github has Hosting, collaboration tools, pull requests, actions, project boards. Git is Owned and maintained by individual users on their machines while github is Owned and maintained by GitHub, Inc.

## **GITHUB Account Creation:**

1. Go to github.com and press sign up to create an account



2. Enter your email address and password and verify your account

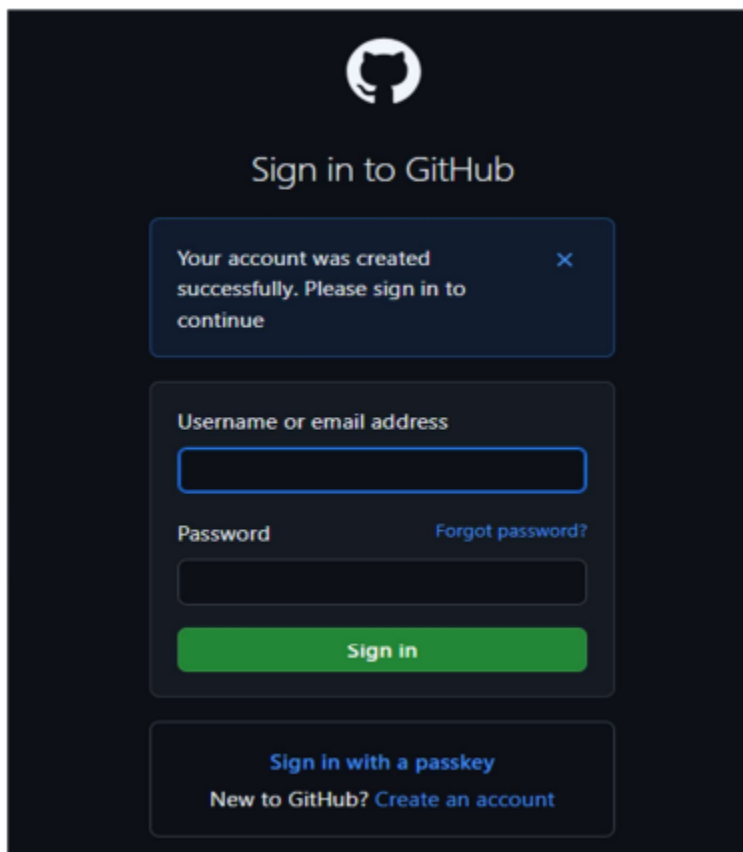
A dark-themed GitHub account creation screen. At the top, it says "Welcome to GitHub!" and "Let's begin the adventure". Below this, there is a prompt "Enter your email\*" in a light blue font, followed by a red asterisk indicating a required field. A small red arrow points to the right. On the right side, there is a rounded rectangular button labeled "Continue".

Welcome to GitHub!  
Let's begin the adventure

Enter your email\*

Continue

3. Now after the account is created login to the account

A dark-themed GitHub login screen. At the top is the GitHub logo. Below it is the text "Sign in to GitHub". A success message box at the top left says "Your account was created successfully. Please sign in to continue" with a close button (X). Below this is a form with two input fields: "Username or email address" and "Password". To the right of the password field is a link "Forgot password?". Below the form is a green "Sign in" button. At the bottom, there is a link "Sign in with a passkey" and a link "New to GitHub? Create an account".

Sign in to GitHub

Your account was created successfully. Please sign in to continue

Username or email address

Password

Forgot password?

Sign in

Sign in with a passkey

New to GitHub? Create an account

## Creating a Repository:

1. Click the "+" icon in the upper right corner and select "New repository."

# Home

<> Start writing code

**Start a new repository for abhirampitla**

A repository contains all of your project's files, revision history, and collaborator discussion.

**Repository name \***

name your new repository...

☐ **Public**  
Anyone on the internet can see this repository

☒ **Private**  
You choose who can see and commit to this repository

Create a new repository


## 2. Enter a repository name and description

### Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (\*).


**Owner \*** **Repository name \***


 Purna2605 / Purna

✔ Purna is available.

Great repository names are short and memorable. Need inspiration? How about [studious-doodle](#) ?

**Description** (optional)

☒  **Public**  
Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**  
You choose who can see and commit to this repository.

**Initialize this repository with:**

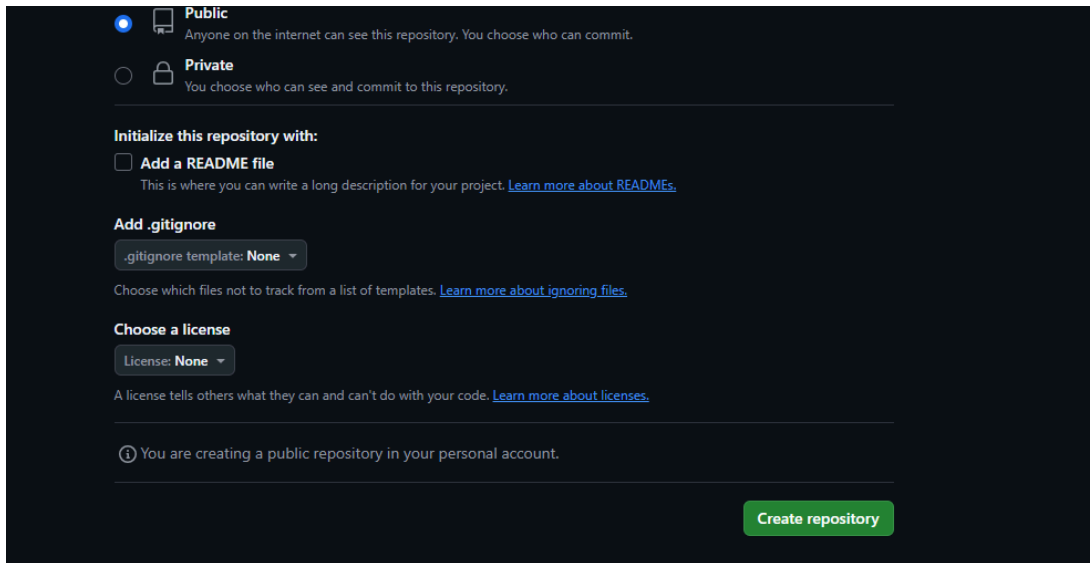
☐ **Add a README file**  
This is where you can write a long description for your project. [Learn more about READMEs.](#)

**Add .gitignore**

.gitignore template: **None**

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

. 3. Click “Create repository.”



The screenshot shows the 'Create new repository' page on GitHub. At the top, there are two radio buttons for repository visibility: 'Public' (selected) and 'Private'. Below this is a section titled 'Initialize this repository with:' containing a checkbox for 'Add a README file' and a dropdown menu for '.gitignore template' set to 'None'. Further down is a 'Choose a license' section with a 'License: None' dropdown. A note at the bottom states 'You are creating a public repository in your personal account.' A green 'Create repository' button is located at the bottom right.

☒ **Public**  
Anyone on the internet can see this repository. You choose who can commit.

☐ **Private**  
You choose who can see and commit to this repository.

---

**Initialize this repository with:**

☐ **Add a README file**  
This is where you can write a long description for your project. [Learn more about READMEs.](#)

**Add .gitignore**

.gitignore template: **None** ▾


Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

**Choose a license**

License: **None** ▾

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

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 You are creating a public repository in your personal account.

[Create repository](#)