DEVOPS FOR AI

GIT CMD INSTALLATION AND GIT HUB PROFILE CREATION

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**BRANCH : AIML -C**

To install Git and create a GitHub profile, follow these steps:

**1. Install Git**

**For Windows:**

* Go to the [Git for Windows website](https://gitforwindows.org/).
* Download the latest version of the installer.
* Run the installer and follow the setup instructions. You can generally accept the default options.
* After installation, you can verify it by opening Command Prompt and typing:

git --version

**For macOS:**

* Open the Terminal.
* You can install Git using Homebrew (if you have it installed) by running:

brew install git

* Alternatively, you can download the Git installer from the [Git website](https://git-scm.com/download/mac).
* Verify the installation by typing:

git --version

**For Linux:**

* Open the terminal and use the package manager for your distribution.
  + For Ubuntu/Debian:

sudo apt-get update

sudo apt-get install git

* + For Fedora:

sudo dnf install git

* Verify the installation by typing:

git --version

**2. Set Up Git**

After installing Git, you should configure your username and email. Open your command line interface and run the following commands:

git config --global user.name "PRISCA.S"

git config --global user.email "priscasundar@gmail.com"

**3. Create a GitHub Account**

1. Go to the [GitHub website](https://github.com/).
2. Click on the **Sign up** button in the top right corner.
3. Fill out the form with your details (username, email, and password).
4. Verify your account via the email sent to you by GitHub.
5. Follow the prompts to complete your account setup.

**4. Create a New Repository on GitHub**

1. Log in to your GitHub account.
2. Click the **+** icon in the top right corner and select **New repository**.
3. Enter a repository name, description (optional), and select whether you want it to be public or private.
4. Click the **Create repository** button.

**5. Link Your Local Repository to GitHub**

If you have a local project you want to push to GitHub, do the following:

1. Navigate to your project folder in the command line.
2. Initialize Git in your project folder:

bash

git init

1. Add your files to the staging area:

git add .

1. Commit your changes:

git commit -m "Initial commit"

1. Link your local repository to the GitHub repository:

bash

git remote add origin

https://github.com/prisca-29

1. Push your changes to GitHub:

git push -u origin master

**Summary**

installed Git, created a GitHub profile, and learned how to link a local repository to GitHub