



SRI KRISHNA INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Commands to push an file from local repo to remote repo using git and github

- **Pwd.....**present working directory -to check where we are now
- **cd desktop...** change directory to desktop(we need to create an git folder in desktop)
- **mk dir gitproject.....**creating an directory for working with git you can give any name of your choice
- **cd gitproject.....** coming inside that git folder
- **git init**initializing git software{ we need to execute git commands inside this folder only}
Now we are using vi editor to write source code.
- **vi file1.sh.....**press i to insert after writing press esc and :wq (to save and quit)
- **ls....**to check the list of files
- **git add *.....**adding to staging area(*..will add all the files to staging area)
- **git commit -m “commit message”.....**adding to local repo
To do congiguration we need to give our user name and email id of our git hub account
- **git config --global user.name”username”**
- **git config --global user.email”emailid”**
- **git config --global –list.....** to check what configuration we have added..
- **git remote add alias name url.....**to add repository url
- **git remote -v.....** to check which repo is mapped
To push the file to remote repo.. master is the default branch which will be created when we create an repository
- **git push alias name master.....**alias name is the name which is short form or nick name which we had given while adding remote repo



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Once we execute git push cmd , when we are executing for first time we will get and small window popped up asking pat(personal access token) or you can give your email and password

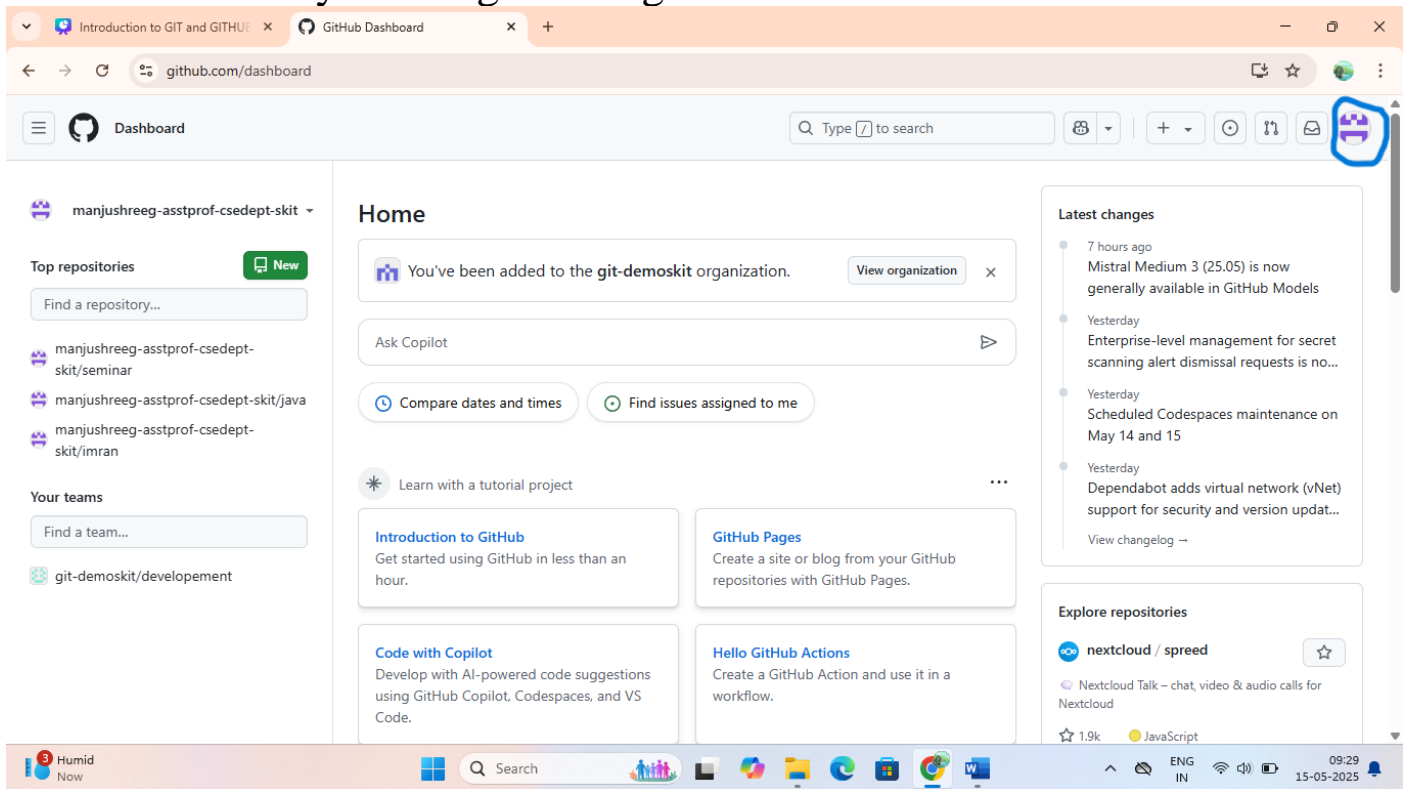
- pat

Steps to generate PAT

In your git hub account

Go to settings....developer settings....personal access token.. classic.. generate... give the duration of time which it will be active

1.Click this icon you will get settings



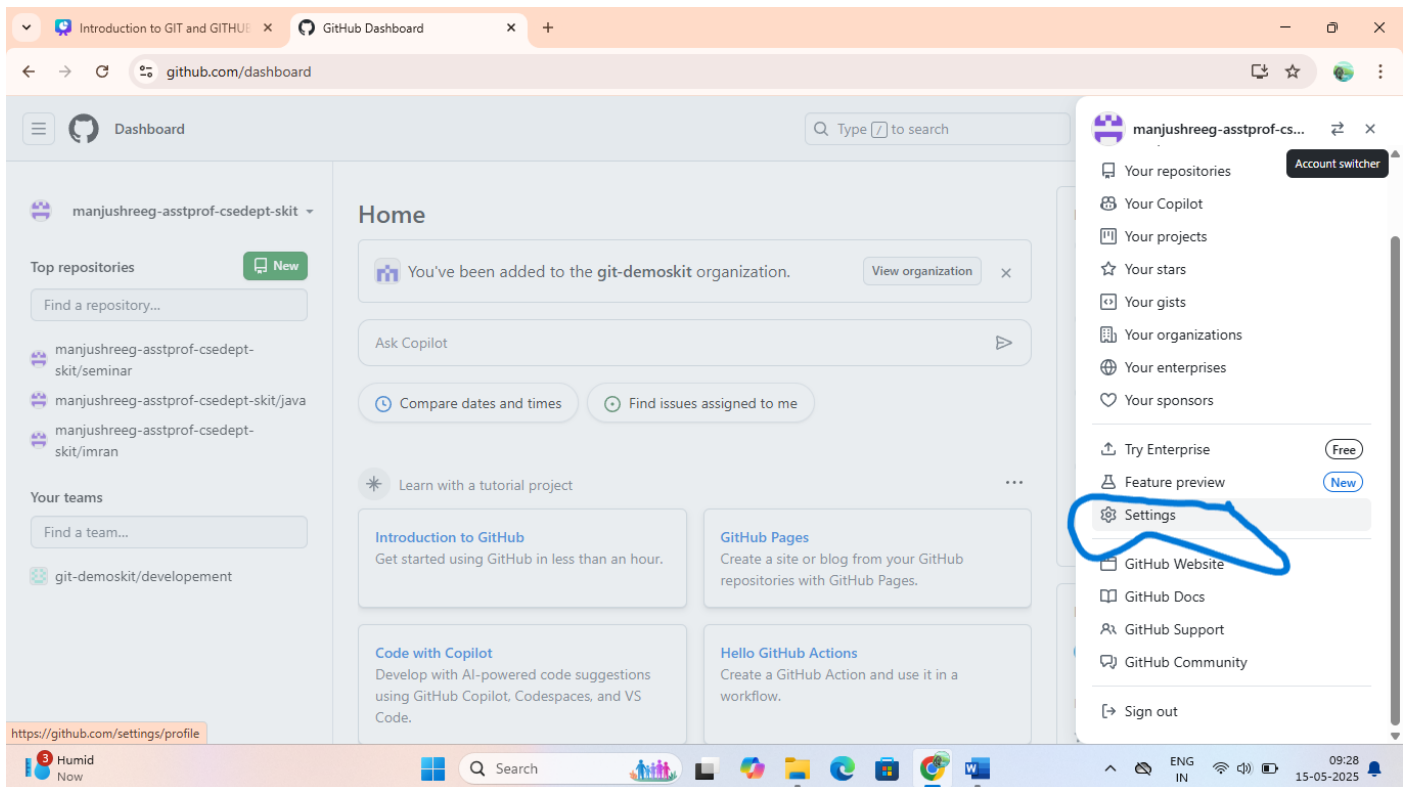
Go to settings



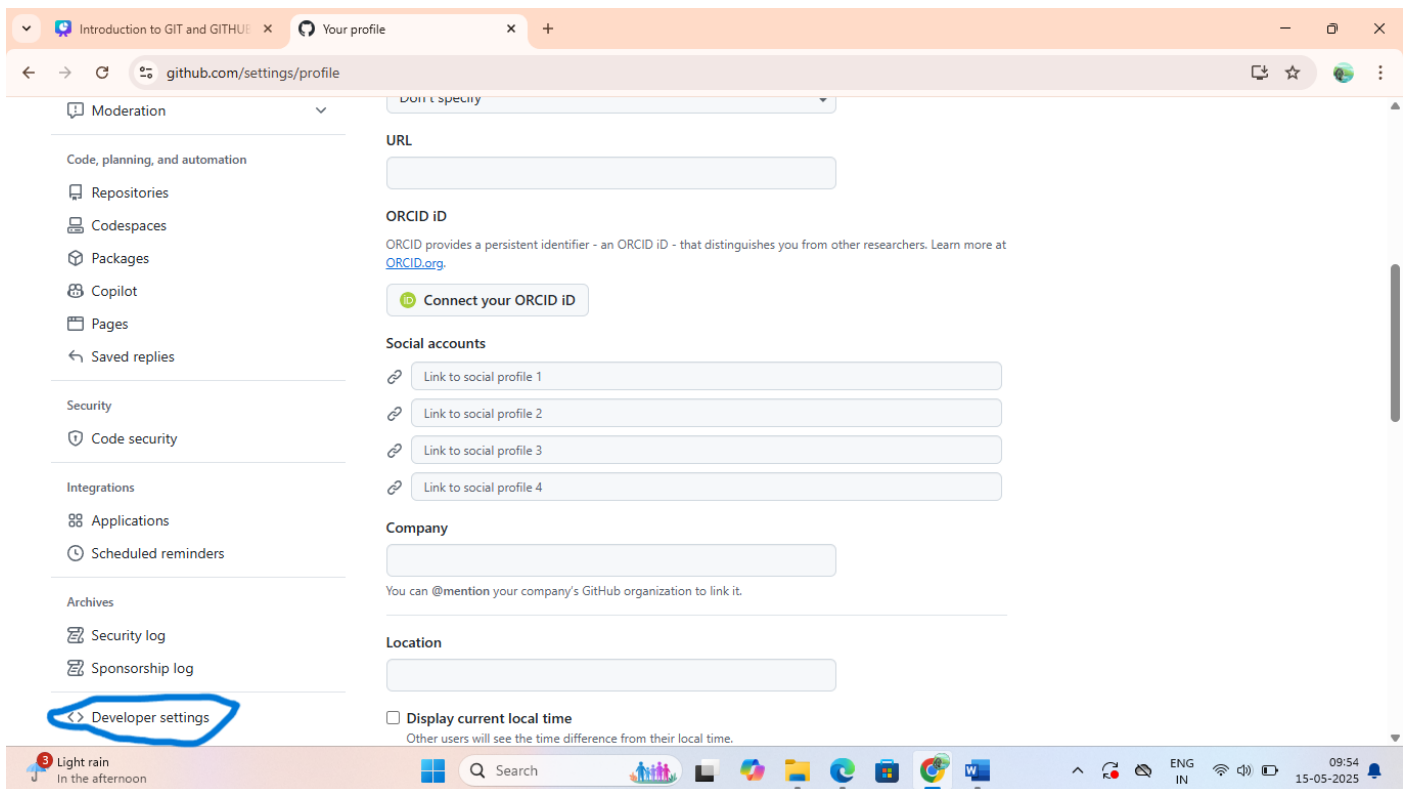
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Select developer settings



Select personal access token.... Then classic...then generate token



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The screenshot shows the GitHub Settings page for Developer Settings, specifically the GitHub Apps section. The left sidebar has a menu with 'GitHub Apps', 'OAuth Apps', and 'Personal access tokens'. The 'Personal access tokens' option is highlighted with a blue circle. The main content area shows 'No GitHub Apps' and a message: 'Want to build something that integrates with and extends GitHub? Register a new GitHub App to get started developing on the GitHub API.' There is a green button labeled 'New GitHub App' and a link 'View documentation'. The footer shows copyright information for 2025 GitHub, Inc. and various links like Terms, Privacy, Security, Status, Docs, Contact, Manage cookies, and Do not share my personal information.

Generate token and give life span for that token and save in notepad for future use

The screenshot shows the GitHub Settings page for Developer Settings, specifically the Personal access tokens (classic) section. The left sidebar has a menu with 'GitHub Apps', 'OAuth Apps', and 'Personal access tokens'. The 'Personal access tokens' option is highlighted with a blue circle. The main content area shows 'Personal access tokens (classic)' and a button 'Generate new token' which is highlighted with a blue circle. Below this, there is a list of tokens. One token is shown: 'pat — public access', 'Expired on Sun, May 11 2025', 'Last used within the last 2 months', and a 'Delete' button. A text box explains that personal access tokens (classic) function like ordinary OAuth access tokens and can be used instead of a password for Git over HTTPS, or can be used to authenticate to the API over Basic Authentication. The footer shows copyright information for 2025 GitHub, Inc. and various links like Terms, Privacy, Security, Status, Docs, Contact, Manage cookies, and Do not share my personal information.