DEVOPS FOR AI

GIT CMD INSTALLATION AND GIT HUB PROFILE CREATION

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**Git Commands with Descriptions**

1. **git --version**  
   Displays the current version of Git installed on your system.
2. **git config --list**  
   Checks whether your Git configuration (username, email, etc.) is set up correctly.
3. **mkdir <project-name>**  
   Creates a new directory with the specified project name.
4. **cd <project-name>**  
   Changes the current directory to the specified project directory.
5. **dir**  
   Lists all files and directories in the current directory (Windows).
6. **ls**  
   Lists all files and directories in the current directory (Linux/Mac).
7. **git init**  
   Initializes a new Git repository in the current directory.
8. **git status**  
   Shows the status of changes in the working directory and staging area.
9. **Creating files**  
   Create or edit files in a text editor and save them with the desired file extension (no command required).
10. **git add <file-name>**  
    Stages the specified file for the next commit (make sure the file is inside the project folder).
11. **git add .**  
    Stages all changes in the current directory for the next commit.
12. **git commit -m "<message>"**  
    Saves the staged changes to the repository with a descriptive message.
13. **git log**  
    Displays the commit history, showing all actions taken in the repository.
14. **git commit --help**  
    Displays help information specifically for the git commit command.
15. **git help -a**  
    Lists all available Git commands and their descriptions.
16. **git config --global user.email "<email>"**  
    Sets your email address for commits globally.
17. **git config --global user.name "<name>"**  
    Sets your name for commits globally.