

```
MINGW64:/c/Users/Jeshni

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~
$ git version
git version 2.45.2.windows.1

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~
$ git config --global user.name "Uday Bhaskar Singipurapu"

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~
$ git config --global user.email "s.udaybhaskar2005@gamil.com"

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~
$ git config --global --list
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
user.name=Uday Bhaskar Singipurapu
user.email=s.udaybhaskar2005@gamil.com
core.autocrlf=true
safe.directory=D:/

MINGW64:/c/Users/Jeshni

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~
$ "C:/Program Files/Notepad++/notepad++.exe"

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~
$ notepad++
bash: notepad++: command not found

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~
$ alias npp='notepad++.exe -multiInst -nosession'

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~
$ git config --global -e
hint: Waiting for your editor to close the file... |
```

```
.gitconfig
1  [filter "lfs"]
2      clean = git-lfs clean -- %f
3      smudge = git-lfs smudge -- %f
4      process = git-lfs filter-process
5      required = true
6  [user]
7      name = Uday Bhaskar Singipurapu
8      email = s.udaybhaskar2005@gamil.com
9  [core]
10     autocrlf = true
11     editor = 'C:/Program Files/Notepad++/notepad++.exe' -multiInst -nosession
12 [safe]
13     directory = D:/
14
```

```
Jeshni@JESHNI-SIMHACHALAM MINGW64 ~
$ echo "Welcome to the version control" >> welcome.txt

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~
$ ls -al
```

```
Jeshni@JESHNI-SIMHACHALAM MINGW64 ~
$ git init GitDemo
Initialized empty Git repository in C:/Users/Jeshni/GitDemo/.git/

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~
$ ls -al
total 38645
-rw-r--r-- 1 Jeshni 197121 6877 Feb 28 2022 -1.14-windows.xml
drwxr-xr-x 1 Jeshni 197121 0 Aug 8 16:44 ./
drwxr-xr-x 1 Jeshni 197121 0 Oct 13 2024 ../
drwxr-xr-x 1 Jeshni 197121 0 May 24 2022 PyCharmCE2019.3/
drwxr-xr-x 1 Jeshni 197121 0 May 5 16:29 VirtualBox/
drwxr-xr-x 1 Jeshni 197121 0 Dec 21 2024 .anaconda/
drwxr-xr-x 1 Jeshni 197121 0 Feb 28 10:34 .android/
drwxr-xr-x 1 Jeshni 197121 0 Oct 15 2024 .atom/
-rw-r--r-- 1 Jeshni 197121 1837 Aug 8 16:34 .bash_history
drwxr-xr-x 1 Jeshni 197121 0 Sep 8 2022 .cache/
drwxr-xr-x 1 Jeshni 197121 0 Jun 28 09:12 .codeium/
drwxr-xr-x 1 Jeshni 197121 0 Jan 2 2025 .conda/
-rw-r--r-- 1 Jeshni 197121 146 Dec 21 2024 .condarc
drwxr-xr-x 1 Jeshni 197121 0 Jul 15 15:32 .config/
drwxr-xr-x 1 Jeshni 197121 0 Dec 21 2024 .continuum/
drwxr-xr-x 1 Jeshni 197121 0 Aug 5 13:37 .docker/
drwxr-xr-x 1 Jeshni 197121 0 Jun 19 09:55 .eclipse/
-rw-r--r-- 1 Jeshni 197121 16 Dec 20 2024 .emulator_console_auth_token
drwxr-xr-x 1 Jeshni 197121 0 Sep 9 2024 .expo/
-rw-r--r-- 1 Jeshni 197121 326 Aug 8 16:23 .gitconfig
drwxr-xr-x 1 Jeshni 197121 0 Dec 20 2024 .gradle/
drwxr-xr-x 1 Jeshni 197121 0 Dec 26 2024 .ipython_checkpoints/
drwxr-xr-x 1 Jeshni 197121 0 Dec 26 2024 .ipython/
drwxr-xr-x 1 Jeshni 197121 0 Dec 26 2024 .jupyter/
drwxr-xr-x 1 Jeshni 197121 0 Jun 21 14:14 .lemnax/
-rw-r--r-- 1 Jeshni 197121 20 Aug 8 15:50 .lessht
drwxr-xr-x 1 Jeshni 197121 0 Jun 21 14:02 .m2/
drwxr-xr-x 1 Jeshni 197121 0 Jan 2 2025 .matplotlib/
drwxr-xr-x 1 Jeshni 197121 0 Jul 6 2022 .ms-ad/
-rw-r--r-- 1 Jeshni 197121 35 Nov 8 2024 .node_repl_history
drwxr-xr-x 1 Jeshni 197121 74 Jan 7 2025 .npmrc
drwxr-xr-x 1 Jeshni 197121 0 Feb 6 2025 .ollama/
drwxr-xr-x 1 Jeshni 197121 0 Jul 1 11:43 .p2/
-rw-r--r-- 1 Jeshni 197121 178 May 31 20:40 .packettracer
drwxr-xr-x 1 Jeshni 197121 0 Aug 26 2024 .redhat/
drwxr-xr-x 1 Jeshni 197121 0 Jun 29 2024 .rest-client/
drwxr-xr-x 1 Jeshni 197121 0 Aug 8 16:30 .sf/
drwxr-xr-x 1 Jeshni 197121 0 Aug 7 10:21 .stdx/
drwxr-xr-x 1 Jeshni 197121 0 Aug 7 2024 .stx4/
drwxr-xr-x 1 Jeshni 197121 0 Jun 23 2024 .thumbnails/
-rw-r--r-- 1 Jeshni 197121 14222 Aug 6 10:45 .viminfo
drwxr-xr-x 1 Jeshni 197121 0 Dec 26 2024 .virtual_documents/
drwxr-xr-x 1 Jeshni 197121 0 Oct 4 2023 .vscode/
drwxr-xr-x 1 Jeshni 197121 0 Aug 4 15:30 .wakatime/
-rw-r--r-- 1 Jeshni 197121 63 Feb 27 20:20 .wakatime.cfg
drwxr-xr-x 1 Jeshni 197121 0 Oct 25 2021 .3D Objects/
```

```
Jeshni@JESHNI-SIMHACHALAM MINGW64 ~
$ cat welcome.txt
Welcome to the version control

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~
$ cd GitDemo

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (master)
$ git init
Reinitialized existing Git repository in C:/Users/Jeshni/GitDemo/.git/

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)
```

```
Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (master)
$ git add .

COMMIT_EDITMSG
1
2 # Please enter the commit message for your changes. Lines starting
3 # with '#' will be ignored, and an empty message aborts the commit.
4 #
5 # On branch master
6 #
7 # Initial commit
8 #
9 # Changes to be committed:
10 #   new file:   welcome.txt
11 #
12
```

```
Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (main)
$ git add welcome.txt

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (main)
$ git remote add origin https://gitlab.com/UdayBhaskarSingipurapu/gitdemo.git
error: remote origin already exists.

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 268 bytes | 268.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://gitlab.com/UdayBhaskarSingipurapu/gitdemo.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

MINGW64:/c/Users/Jeshni/GitDemo

```
Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    welcome.txt

nothing added to commit but untracked files present (use "git add" to track)

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (master)
$ git add welcome.txt
warning: in the working copy of 'welcome.txt', LF will be replaced by CRLF the next time Git touches it

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (master)
$ git commit
Aborting commit due to empty commit message.

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   welcome.txt

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (master)
$ git commit -m "Add welcome.txt"
[master (root-commit) 1944c6e] Add welcome.txt
1 file changed, 1 insertion(+)
create mode 100644 welcome.txt

Jeshni@JESHNI-SIMHACHALAM MINGW64 ~/GitDemo (master)
$ git status
On branch master
nothing to commit, working tree clean
```

The screenshot shows the GitLab web interface for a project named 'GitDemo'. The top navigation bar includes the GitLab logo, search bar, and user profile. The left sidebar contains navigation links for Project, Issues, Merge requests, Manage, Plan, Code, Build, Secure, Deploy, Operate, Monitor, Analyze, What's new, and Help. The main content area displays the commit history for the 'main' branch, showing a single commit 'Add welcome.txt' by Uday Bhaskar Singipurapu. Below the commit history is a table with columns 'Name', 'Last commit', and 'Last update', showing the file 'welcome.txt' and its commit 'Add welcome.txt'. The right sidebar contains 'Project Information' including commit count (1), branch count (1), tag count (0), and project storage (266 B). It also lists suggestions for adding README, LICENSE, CHANGELOG, CONTRIBUTING, and enabling Auto DevOps, Kubernetes cluster, CI/CD, Wiki, and integrations.