

## Create ssh key

### 1. Generate SSH key

ssh-keygen -t rsa -b 4096 -C [ledy.gicela.vergara.lopez@studium.uni-hamburg.de](mailto:ledy.gicela.vergara.lopez@studium.uni-hamburg.de)

### 2. Add SSH

```
eval "$(ssh-agent -s)"
```

```
ssh-add ~/.ssh/id_rsa
```

### 3. Add SSH key to GitLab

Copy the content of your public key

- look if the ssh key has been created  
e.g: `ls -al ~/.ssh`
- copy the key  
`cat ~/.ssh/id_rsa.pub`
- Paste the key in gitlab:
  - Go to edit profile
  - SSH keys
  - Add new key

The screenshot shows the GitLab user interface for managing SSH keys. On the left, a sidebar contains navigation links for 'User settings', 'Profile', 'Account', 'Applications', 'Chat', 'Access Tokens', 'Emails', 'Notifications', 'SSH Keys' (highlighted with a red badge), 'GPG Keys', 'Preferences', 'Comment Templates', 'Active Sessions', and 'Authentication Log'. The main panel is titled 'SSH Keys' and includes a search bar. Below the title, there is a brief explanation of SSH keys and a link to the 'current instance configuration'. A table titled 'Your SSH keys' shows one key with the title 'visual\_code', a key fingerprint, and an expiration date of 2024-11-27. An 'Add new key' button is visible in the top right corner of the table.

Title	Key	Usage type	Created	Last used	Expires	Actions
visual_code	9c:df:2f:7f:b5:4e:72:d9:48:3e:95:45:74:e6:fc:f5	Authentication & Signing	42 minutes ago	Never	2024-11-27	Revoke

### 4. Open repository in Visual Code

ctrl + p → git:clone → clone from gitlab → select repository → clone repository → save the repository in your local computer → and finally add it to your workspace in VSC or Open it in a new window.

you can find important information here:

[https://docs.gitlab.com/ee/user/gitlab\\_com/index.html#ssh-host-keys-fingerprints](https://docs.gitlab.com/ee/user/gitlab_com/index.html#ssh-host-keys-fingerprints)

## Videos

[https://www.youtube.com/watch?v=GhEVOeqz9fk&ab\\_channel=CodingBot](https://www.youtube.com/watch?v=GhEVOeqz9fk&ab_channel=CodingBot)