

✓ 1. Check for Existing SSH Keys

Open a terminal and run:

```
ls -al ~/.ssh
```

Look for files like `id_rsa`, `id_ed25519`, etc. If one exists, you may not need to generate a new one unless you prefer to.

✓ 2. Generate a New SSH Key (if needed)

```
ssh-keygen -t ed25519 -C "your_email@example.com"
```

If you want to use RSA instead:

```
ssh-keygen -t rsa -b 4096 -C "your_email@example.com"
```

- Press Enter to save to default location (`~/.ssh/id_ed25519`)
 - Choose a passphrase (optional, but recommended)
-

✓ 3. Add SSH Key to SSH Agent

```
eval "$(ssh-agent -s)"  
ssh-add ~/.ssh/id_ed25519
```

✓ 4. Copy the Public Key

```
cat ~/.ssh/id_ed25519.pub
```

Copy the full output (starts with `ssh-ed25519` or `ssh-rsa`).

✓ 5. Add the Key to GitHub

1. Go to [GitHub SSH Settings](#)
 2. Click "**New SSH key**"
 3. Title it (e.g., "My Laptop")
 4. Paste the key into the **Key** field
 5. Click "**Add SSH key**"
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✓ 6. Test Your Connection

```
ssh -T git@github.com
```

You should see:

```
Hi your-username! You've successfully authenticated...
```

✓ 7. Clone Repos Using SSH

Use this format:

```
git@github.com:username/repository.git  
git clone git@github.com:iampsrv/tfsec.git
```

Not:

```
https://github.com/username/repository.git
```