**GitHub Setup**

**Step 1: Generate SSH Key**

Open your console or terminal.

Generate a new SSH key using the following command

**ssh-keygen -b 4096 -C "<official email id>"**

The console will prompt you to choose the location to save the SSH key. Press Enter to save it in the default location **(~/.ssh/id\_rsa)**.

**Step 2: Copy the Public Key**

After generating the SSH key, you need to copy the public key content starting from "ssh-rsa."

Use the following command to display the content of the public key:

**cat ~/.ssh/id\_rsa.pub**

**Step 3: Add the SSH Key to GitHub Enterprise**

Open your web browser and go to GitHub Enterprise

Log in to your GitHub Enterprise account using your credentials.

Click on your profile picture in the top right corner, then select "Settings."

**Step 4: Add SSH Key**

In the left sidebar, click on "SSH and GPG keys."

Click the "New SSH Key" button.

**Step 5: Configure SSH Key**

In the "Title" field, enter "Developer" to identify this key.

Select "Authentication Key" as the key type.

In the "Key" field, paste the public key you copied earlier (starting from "ssh-rsa").

Click the "Add SSH key" button to add the key to your GitHub Enterprise account.

**Step 6: Configure SSO and Authorize Your Organization**

Depending on your organization (AdaniDigitalLabs) setup and requirements, you may need to configure Single Sign-On (SSO) with your identity provider to enable secure authentication.

**Step 7: Clone your repo using SSH option**

**Git clone “repo”**