VSCode VM Password less Access via SSH

# 1. Generate SSH key pair (on local machine)

1. Open terminal and run:

ssh-keygen -t rsa -b 4096 -C "user@vm\_ip"

example: ssh-keygen -t rsa -b 4096 -C "ntran@10.240.234.38"

1. Press **Enter** to accept the default file location (~/.ssh/id\_rsa).
2. Optionally set a passphrase (or leave it blank for passwordless login).

This creates:

* ~/.ssh/id\_rsa (private key, **keep safe**)
* ~/.ssh/id\_rsa.pub (public key, to copy to the VM)

# 2. Copy the public key to VM

1. Run:

ssh-copy-id user@vm\_IP

example: ssh-copy-id ntran@10.240.234.38

1. Terminal will prompt for user@vm\_ip's password. Enter the password provided by IT.

If ssh-copy-id isn’t available, you can do it manually:

1. Run

ssh ntran@10.240.234.38

# enter your password z<7U4t5h0S>%.

mkdir -p ~/.ssh

chmod 700 ~/.ssh

exit

1. cat ~/.ssh/id\_rsa.pub | ssh ntran@10.240.234.38 "cat >> ~/.ssh/authorized\_keys && chmod 600 ~/.ssh/authorized\_keys"

# 3. Configure your local ~/.ssh/config

1. Edit (or create) this file:

nano ~/.ssh/config

1. Add

Host my-vm

HostName 10.240.234.38

User ntran

IdentityFile ~/.ssh/id\_rsa

1. Save & exit.