

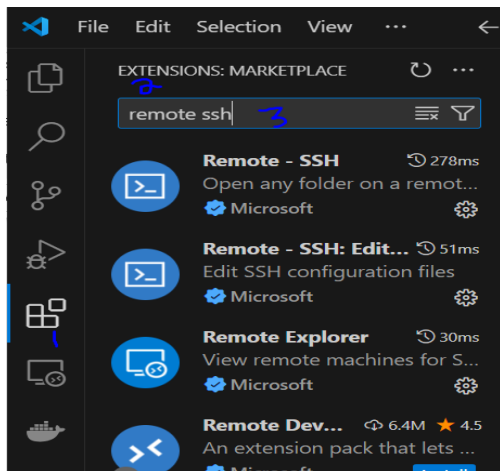
## Remote Development with Visual Studio Code on AWS EC2:

Frist, we need to launch ec2 instances

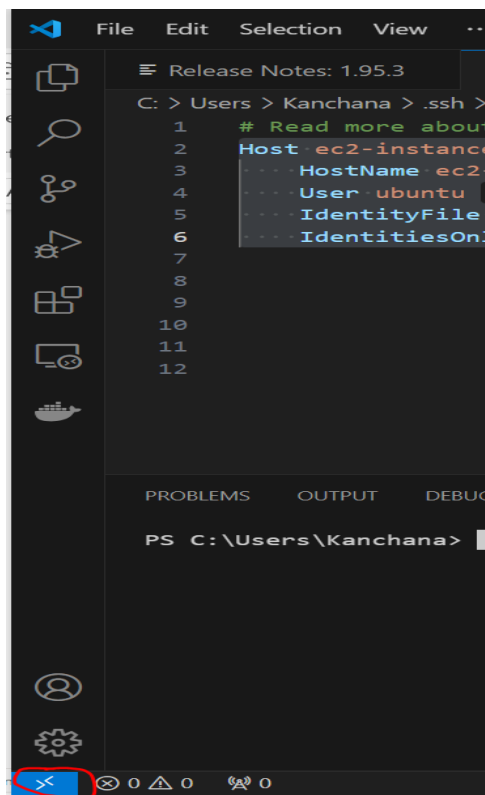
configure SSH in VS Code:

[] Open vs code.

1. Click that button.
2. In extension:marcketplace.
3. Search and download remote ssh.



[] in bottom click the button.



[] select connect Host

[] select ssh configure hosts

[] select C:/Users/kanchana/.ssh/config

[] we will get file paste below content

```
Host ec2-instance
  HostName ec2-35-89-130-22.us-west-2.compute.amazonaws.com
  User ubuntu
  IdentityFile C:/Users/Kanchana/Downloads/testing-vscode.pem
  IdentitiesOnly yes
```

Host ec2-instance (**name of the file**)

HostName ec2-35-89-130-22.us-west-2.compute.amazonaws.com  
(**copy the content of Public IPv4 DNS of Ec2 instance**).

User ubuntu (**Platform of ec2 instance**)

IdentityFile C:/Users/Kanchana/Downloads/testing-vscode.pem (path  
of the .pem key)

IdentitiesOnly yes

[] save (ctrl S).

[] then click the bottom blue colored button.

[] select connect Host.

[] we will get file name which we created (example above file mentioned **ec2-instance**) this name will get.

[] select server type (**Linux or windows**).

[] select continue.

[] in left corner we will get **SSH:ec2-instance (file name)**.

**If we get any error like permission error/unable to establish the connection.**

**Start the SSH Adgent:** Open **Git Bash** (or another terminal that supports SSH on Windows) and run:

```
[] eval $(ssh-agent)
```

**Add your SSH key to the agent:**

```
[] ssh-add C:/path/to/testing-vscode.pem (.pem key path)
```

**Check if the key is loaded:**

```
[] ssh-add -l
```

After this command we will get

```
2048 SHA256:52krUrOUMvFUzrWel9Y/k1I4YNfu7XZTJo3b72dLH08
```

```
C:/Users/Kanchana/Downloads/testing-vscode.pem (RSA)
```

[] it means connection success.

**To exit from the SSH connection:**

**[] In the VS Code terminal, type the following command and press Enter:**

```
[] exit
```

**[] Alternatively, you can also use the Command Palette:**

1. Press **Ctrl + Shift + P** (or **Cmd + Shift + P** on macOS).
2. Type **Remote-SSH: Close Remote Connection** and select it