💧 PASSWORDLESS SSH SETUP — QUICK COMMANDS ONLY

ON YOUR LAPTOP (Git Bash)

1️⃣ Generate SSH key (press ENTER 3 times)

```
ssh-keygen -t rsa -b 4096 -C "ec2"
```

2️⃣ Show your public key

```
cat ~/.ssh/id_rsa.pub
```

(Copy the entire single line.)

ON EC2 (log in with your .pem file)

3️⃣ SSH into EC2

```
ssh -i Linux-key.pem ec2-user@PUBLIC_IP
```

4️⃣ Create `.ssh` and permissions

```
mkdir -p ~/.ssh
chmod 700 ~/.ssh
```

5 Add your public key to authorized_keys

```
nano ~/.ssh/authorized_keys
```

→ Paste your **id_rsa.pub** key

→ Save: CTRL+X → Y → Enter

6 Set permissions

```
chmod 600 ~/.ssh/authorized_keys
```

ON YOUR LAPTOP — TEST LOGIN

7 Login without .pem

```
ssh ec2-user@PUBLIC_IP
```

If it logs in → passwordless SSH is working.

⭐ OPTIONAL — Make login even easier

Create SSH config:

```
nano ~/.ssh/config
```

Add:

```
Host myec2
    HostName PUBLIC_IP
```

```
    User ec2-user
```

Then connect using:

```
ssh myec2
```

That's it!

These are the core commands — minimal and correct for any Linux/EC2 server.

If you want, I can also give a **one-page PDF** version or a **diagram cheat sheet**.