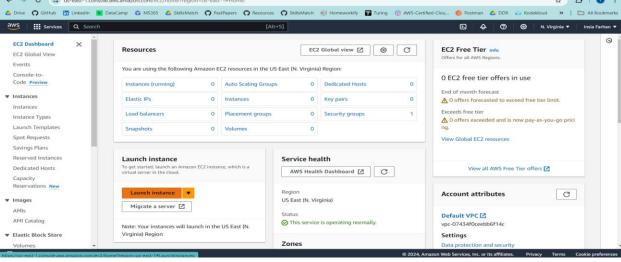
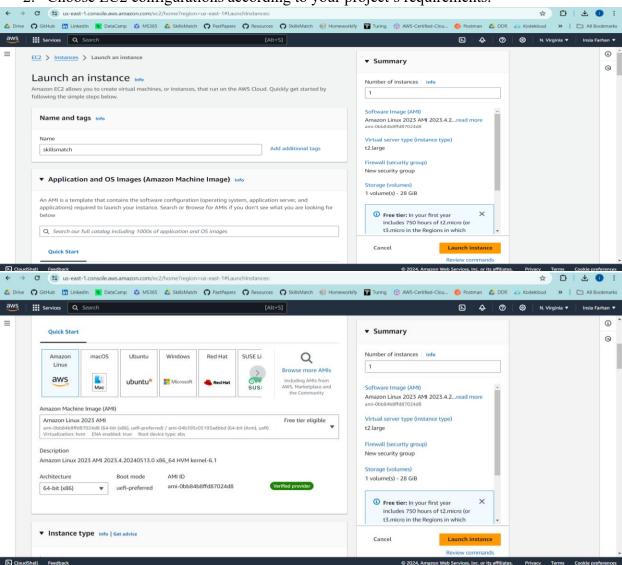
1. Log in to your AWS console and open EC2 via search bar. Click on Launch an instance.



2. Choose EC2 configurations according to your project's requirements.

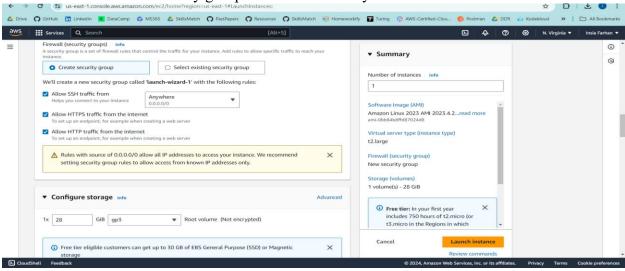


3. Click on Create new key pair. (.ppk for putty access, .pem for OpenSSH) 中 日 子 1 : 🛕 Drive 🥠 GitHub 🛅 Linkedin 📜 DataCamp 💲 MS365 🛕 SkillsMatch 🕠 PastPapers 🕠 Resources 🕠 SkillsMatch 🔞 Homeworkity 🖫 Turing 👩 AWS-Certified-Clou... (1) ▼ Instance type Info | Get advice **▼** Summary 0 Instance type Number of instances Info Tabley

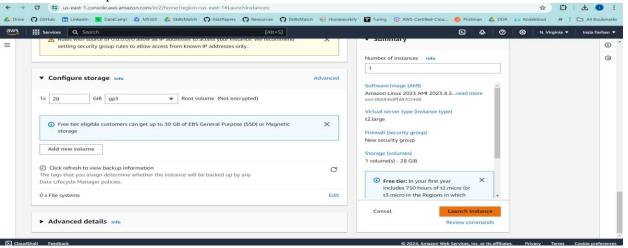
Tabley All generations Compare instance types Amazon Linux 2023 AMI 2023.4.2...read more ami-0bb84b8ffd87024d8 Additional costs apply for AMIs with pre-installed software Virtual server type (instance type) ▼ Key pair (login) Info Firewall (security group) New security group You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair 1 volume(s) - 28 GiB ▼ Create new key pair Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which ▼ Network settings Info Edit ∑ CloudShell Feedback ← → C us-east-1.console,aws.amazon.com/ec2/home?reqi ☆ D | 0 : 💪 Drive 🕠 GitHub 📆 Linkedin ছ DataCemp 👶 MS365 💩 SkillsMatch 🗘 PastPapers 🗘 Resources 🗘 SkillsMatch 🥯 Homeworkify 😱 Turing 💮 AWS-Certified-Clou... 🧑 Postman 🔈 DDR 😀 Kodekloud 🔅 🗀 All Bookr Services Q Search S. ♦ ② ⑤ N. Virginia ▼ Insia Farhan ▼ Create key pair Key pair name basic O ED25519 Private key file format .pem
 For use with OpenSSH o .ppk
For use with PuTTY ♠ When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. Learn Or: ← → ♂ us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances: 中日十日: 💪 Drive 🗘 GitHub 🛅 Unikedin 🔃 DataCamp 💪 MS365 💪 SkillsMatch 🗘 PastPapers 🕠 Resources 🗘 SkillsMatch 🍪 Homeworkity 👔 Turing 😒 AWS-Certified-Clou... 🥙 Postman 💪 DDR 👵 Kodekloud 🐡 📙 All Bookmarks ♠ ⑦ ⑥ N. Virginia ▼ Insia Farhan ▼ Services Q Search Create key pair O RSA RSA encrypted private and public key pair O ED25519 Private key file format .pem
 For use with OpenSSH O .ppk
For use with PuTTY ⚠ When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. <u>Learn</u> Cancel Create key pair

➤ CloudShell Feedback

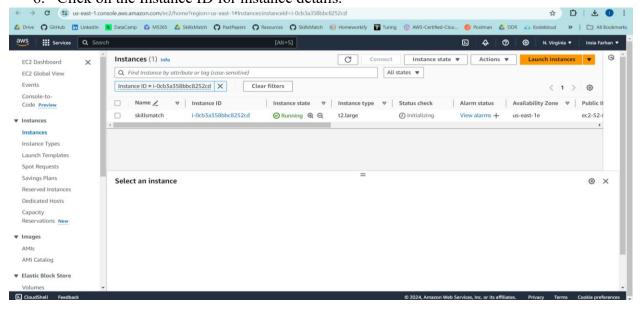
4. Click on create security group for custom security rules.



5. When requirements are met, click on Launch instance.



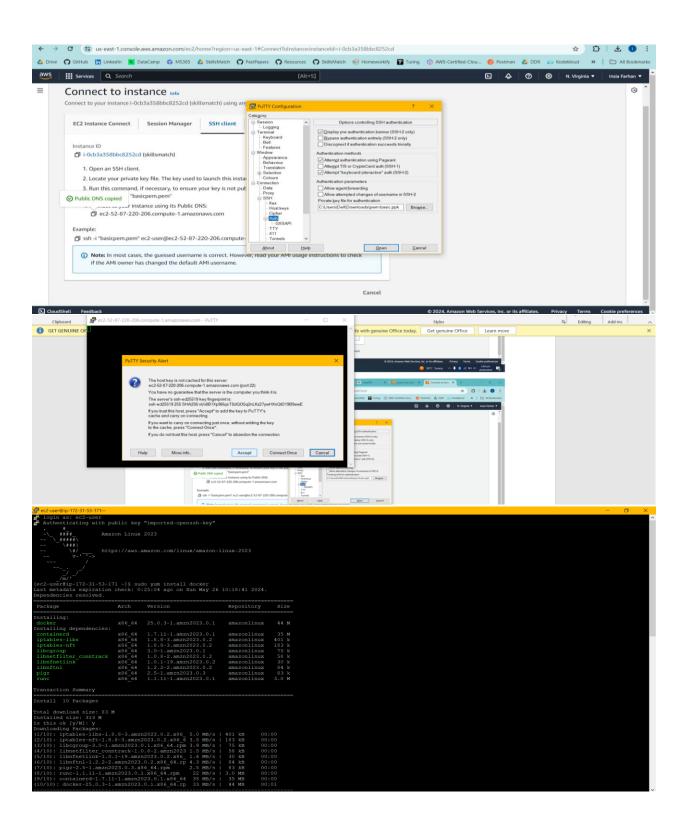
6. Click on the Instance ID for instance details.

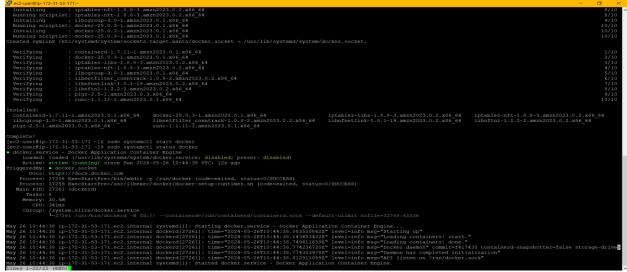


7. Through security groups, edit the inbound rules, according to your applications ports. MS365 🙆 SkillsMatch 🔘 PastPa ve 🔘 GitHub 🛅 Lin iii Ser EC2 Global View sg-06072feea016ae5c6 - launch-wizard-1 Actions ♥ Events Console-to-Code Preview **▼** Instances Instances ☐ launch-wizard-1 created 2024-05-26T10:11:11.814Z g-06072feea016ae5c6 Instance Types Spot Requests Outbound rules count 211125493694 3 Permission entries 1 Permission entry Savings Plans Reserved Instances Dedicated Hosts Inbound rules Outbound rules Tags **▼** Images Inbound rules (3) C Manage tags Edit inbound rules AMI Catalog ▼ Flastic Block Store ▼ | Security group rule... ▼ | IP version ▼ | Type → C 🖦 us-east-1. ☆ D | ₹ 0 : 🙆 Drive 🥠 GitHub 🛅 LinkedIn 🂌 DataCamp 👶 MS365 . 🙆 SkillsMatch 🕠 PastPapers 🕠 Resources 🕠 SkillsMatch 🥯 Homeworkify 😱 Turing 😥 AWS-Certified-Clou. **4** Ø Ø (1) 0.0.0.0/0 × 0 ▼ TCP 5432 Anyw... ▼ Q, 0.0.0.0/0 PostgreSQL Delete 0.0.0.0/0 × Custom TCP ▼ TCP 2003 Anyw... ▼ Q 0.0.0.0/0 Delete 0.0.0.0/0 🗙 ▼ TCP 2004 Q 0.0.0.0/0 Custom TCP Delete 0.0.0.0/0 🗙 Custom TCP ▼ TCP 2005 Q 0.0.0.0/0 Delete 0.0.0.0/0 × Custom TCP ▼ TCP 3000 Q 0.0.0.0/0 Anyw... ▼ 0.0.0.0/0 × ▼ TCP 5000 Custom TCP Anyw... ▼ Q, 0.0.0.0/0 Delete 0.0.0.0/0 🗙 Add rule ☆ D | ★ D : 💪 Drive 🥠 GisHub 📆 Linkedin 🔣 DataCamp 👶 MS365 🗴 SkillsMatch 🕠 PastPapers 🕠 Resources 🕠 SkillsMatch 🥺 Homeworkity 😱 Turing 📀 AWS-Certified-Clou... 🎨 Postman 🔥 DDR 😞 Kodekloud » 📙 All Books EC2 Dashboard EC2 Global View EC2 > Security Groups > sg-06072feea016ae5c6 - launch-wizard-1 Console-to-Code Preview sg-06072feea016ae5c6 - launch-wizard-1 Actions ▼ **▼** Instances Instances Launch Templates Security group name Security group ID Spot Requests g sg-06072feea016ae5c6 launch-wizard-1 created 2024- □ launch-wizard-1 05-26T10:11:11.814Z Dedicated Hosts **5** 211125493694 9 Permission entries 1 Permission entry Capacity Inbound rules Outbound rules Tags **▼** Images C Manage tags Edit inbound rules Inbound rules (9) **▼** Elastic Block Store

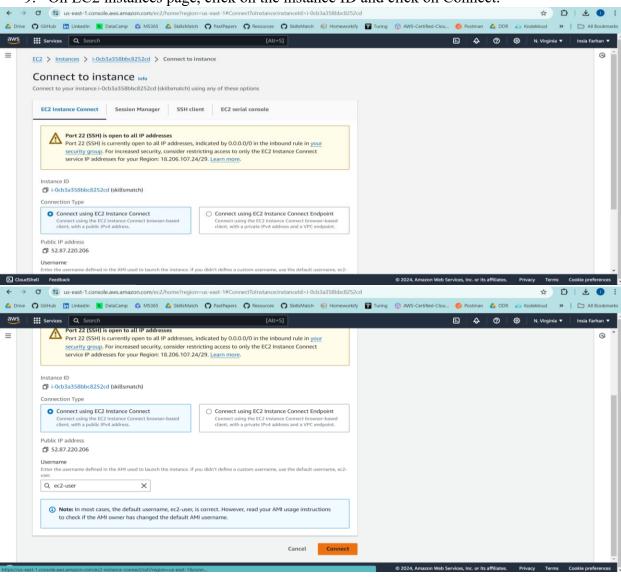
D CloudShell Fe

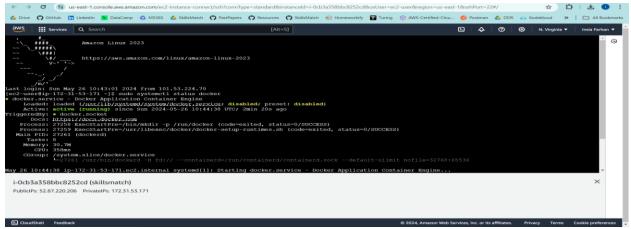
8. Optional: To access the instance from windows via ssh and putty 🔃 DataCamp 👶 MS365 🛕 SkillsMatch 🌎 PastPapers 🌎 Resources 🌎 SkillsMatch 🥯 Homeworkify 🕤 Turing 😌 AWS-Certified-Clou... 👩 Postman 🛕 DDR 👵 Kodekloud EC2 Dashboard EC2 Global View Details Events Console-to-Code Pro w Instances Instances **a** 211125493694 Instance Types Launch Templates Spot Requests Savings Plans Dedicated Hosts Save the generated key Inbound rules (9) OEdDSA AMI Catalog sgr-025c581fdcaae5cb4 Custom TCP TCP 2003 **▼** Elastic Block Store sgr-06d401cb6f1f11e4f HTTPS 443 TCP 中 口 | 平 0 : 🛕 Drive 🥠 GitHub 🛅 Linkedin 🔃 DataCamp 💲 MS365 🛕 SkillsMatch 🕠 PastPapers 🕠 Resources 🕠 SkillsMatch 🥯 Homeworkify oud » | 🗀 All Boo EC2 Dashboard EC2 Global View Details Events Console-to □ vpc-07434f0ceebb6f14c [2] launch-wizard-1 **▼** Instances Instances Instance Types 211125493694 Yes No Savings Plans Reserved Instances Dedicated Hosts Inbound rules (9) Edit inbound rules Capacity
Reservations New Q Search ▼ Images AMIs ▼ Security group rule... ▼ IP version Type Port range AMI Catalog sgr-025c581fdcaae5cb4 IPv4 Custom TCP TCP 2003 **▼** Elastic Block Store sgr-06d401cb6f1f11e4f HTTPS TCP 443 us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ConnectToInstance:instanceId=i-0cb3a358bbc8252cd 立 D 下 I 🛕 Drive 🕠 GitHub 🛅 LinkedIn 🔃 DataCamp 💲 MS365 . 🛕 SkillsMatch 🕠 PastPapers 🕠 Resources 🕠 SkillsMatch 🥯 Homeworkify Services Q Search Connect to instance Info Connect to your instance i-Ocb3a358bbc8252cd (skillsmatch) using an PuTTY Configuration SSH client Host Name (or IP address) Port ec2-52-87-220-206.compute-1.amazonaws.c 22 ☐ i-0cb3a358bbc8252cd (skillsmatch) 1. Open an SSH client. 2. Locate your private key file. The key used to launch this insta 3. Run this command, if necessary, to ensure your key is not put Load Saye r instance using its Public DNS: Delete ☐ ec2-52-87-220-206.compute-1.amazonaws.com ssh -i "basicpem.pem" ec2-user@ec2-52-87-220-206.compute-Qpen Cancel (1) Note: In most cases, the guessed username is correct. How if the AMI owner has changed the default AMI username Cancel





9. On EC2 instances page, click on the instance ID and click on Connect.





10. Install all the required dependencies of your project, create code's file, copy code in it, run it, and access through public URL. For example:

