

<b>Full Name</b>	Nanubolu Sai Surya Kiran
<b>Batch</b>	MS FSD DEC 2021 Cohort 1
<b>Project Name</b>	CI/CD Deployment
<b>Project Submission Date</b>	23-08-2022

Source Code
<p>Springbootwebapp.java</p> <pre>package springboot;  import org.springframework.boot.SpringApplication; import org.springframework.boot.autoconfigure.SpringBootApplication;  @SpringBootApplication public class Springbootwebapp {      public static void main(String[] args) {         SpringApplication.run(Springbootwebapp.class, args);     }  }</pre>
ProController.java
<pre>package springboot.controller;  import org.springframework.stereotype.Controller; import org.springframework.web.bind.annotation.RequestMapping;  @Controller public class ProController {     @RequestMapping("/")     public String index() {         return "index.html";     } }</pre>
Index.html
<pre>&lt;!DOCTYPE html&gt; &lt;style&gt; body {     background-image: linear-gradient(180deg, rgb(0, 128, 0), #000000);     margin: 0;</pre>

```
padding: 0;
overflow-x: hidden;
height: 100%;
font-family: 'Lato', Helvetica, arial, sans-serif;
font-weight: 300;
font-size: 20px;
line-height: 1.45;
color: #eee;
color: rgba(255, 255, 255, .85);
}

#container {
padding-top: 50px;
}

#content {
max-width: 43em;
padding: 10px;
margin: 0 auto;
}

h1 {
font-size: 4.8em;
font-weight: 100;
text-transform: uppercase;
margin: 0;
}

h3 {
font-size: 2.4em;
font-weight: 300;
line-height: 1.5;
}

p, li {
font-size: 1.7em;
}

a {
font-weight: 700;
text-decoration: none;
color: #fff;
}

a:hover {
text-decoration: underline;
}

p#pleft {
max-width: 20em;
float: left;
}

p#pright {
max-width: 20em;
float: left;
}

ul {
clear: both;
}
```

```

html {
    font-size: 62.5%;
}

body {
    font-size: 1em;
}

body {
    /* To show the background color is no problem here */
    background-color: #efefef;
}

@media ( min-width : 880px) {
    html {
        font-size: 120%;
    }
    p, li {
        font-size: 1em;
    }
    p#pright {
        margin-left: 3em;
    }
    .stage {
        -webkit-transform: scale(0.85);
        transform: scale(0.85);
        margin-right: 120px;
    }
}
</style>
<html lang="en">

<head>
<h1>
    <title>Sai Surya Kiran</title>
</h1>

<!-- Bootstrap -->
<link type="text/css" href="css/bootstrap.min.css" rel="stylesheet" />
<link type="text/css" href="css/default.css" rel="stylesheet" />

</head>
<body>

    <div id="container">
        <div id="content">
            <div id="about">
                <h1>
                    <div style='float: left; margin-bottom:
14px;'>Sai Surya Kiran</div>

                </h1>
                <h3 style='clear: both' class="subhead">
                    <a>SPRING-BOOT</a> Web App
                </h3>

                <p id='pleft'>The following were used in

```

```

development:</p>
                                <p id='pright'>As requested by management,
demonstrating the                                automated, integrated, and deployed spring-
boot web application.</p>

                                <ul>
                                    <li><a>Eclipse</a></li>
                                    <li><a>GitHub</a></li>
                                    <li><a>S3 bucket</a></li>
                                    <li><a>AWS EC2/ Virtual machine</a></li>
                                </ul>
                                <p>Contact Details: Sai Surya Kiran, FSJD</p>
                            </div>
                        </div>
                    </div>

</body>
</html>

```

Default.css

```

body {
    background-image: linear-gradient(180deg, rgb(0, 128, 0), #000000);
    margin:0; padding:0;
    overflow-x:hidden;
    height:100%;
    font-family: 'Lato', Helvetica, arial, sans-serif;
    font-weight: 300;
    font-size: 20px;
    line-height: 1.45;
    color: #eee;
    color: rgba(255,255,255,.85);
}

#container {
    padding-top: 50px;
}

#content {
    max-width: 43em;
    padding:10px;
    margin: 0 auto;
}

h1 {
    font-size: 4.8em;
    font-weight: 100;
    text-transform: uppercase;
    margin: 0;
}

h3 {
    font-size: 2.4em;
    font-weight: 300;
    line-height: 1.5;
}

p, li {
    font-size: 1.7em;
}

a {
    font-weight: 700;
    text-decoration: none;
    color: #fff;
}

a:hover {
    text-decoration: underline;
}

```

```

}
p#pleft {
    max-width:20em;
    float:left;
}
p#pright {
    max-width:20em;
    float:left;
}
ul {
    clear:both;
}

html { font-size: 62.5%; }
body { font-size: 1em; }

/* PYRAMID CODE */
.stage {
    -webkit-transform:scale(1.85);
    transform:scale(0.85);
    float:right;
    margin-right:120px;
    margin-top:30px;
    width:0px; height:0px;

    position:relative;
    -webkit-perspective:1200px;
    -webkit-perspective-origin:50% 50%;
    perspective:1200px;
    perspective-origin:50% 50%;
}
.pyramid3d {
    position:relative;
    width:150px;
    height:150px;

    -webkit-transform-style: preserve-3d;
    transform-style: preserve-3d;
    -webkit-transform: rotateX(75deg) rotate(65deg);
    transform: rotateX(75deg) rotate(65deg);
    -webkit-animation: turnPyramid 10s linear infinite;
    animation: turnPyramid 10s linear infinite;
}
.triangle {
    -webkit-transform-style:preserve-3d;
    transform-style:preserve-3d;
    width:0; height:0;
    background:none;
}
.triangle:before {
    content: "";
    position: absolute;
    height: 0; width: 0;
    border-style: solid;
    border-width: 176px 75px 0 75px;
}
.side1 { -webkit-transform: translateX(0) rotateY(115.2deg)
rotateZ(90deg); transform: translateX(0) rotateY(115.2deg)
rotateZ(90deg); }

```

```

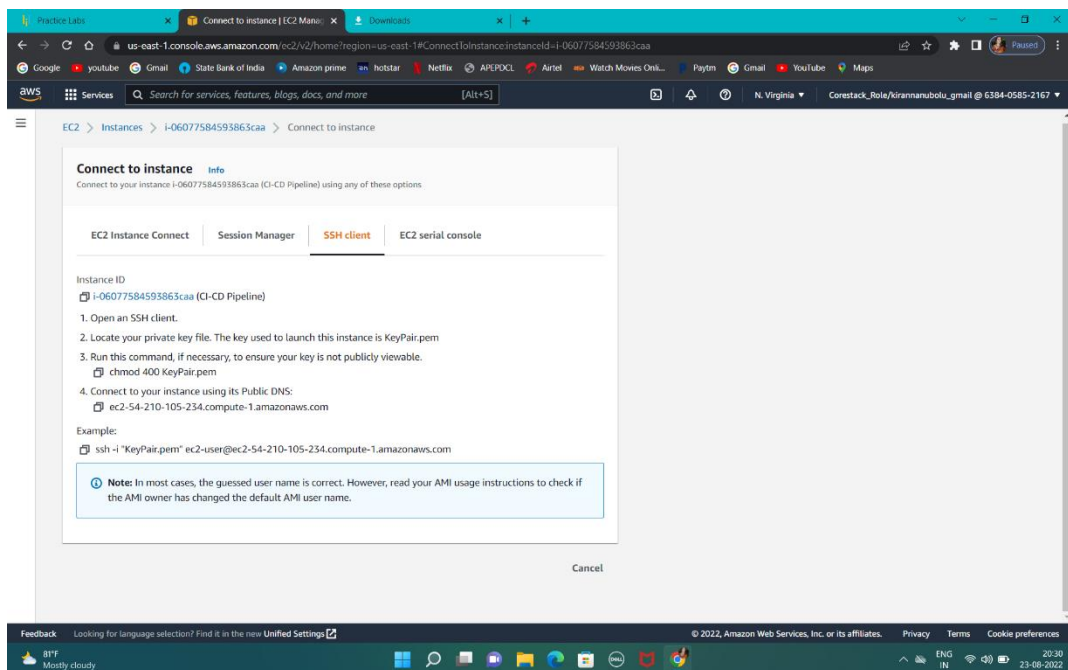
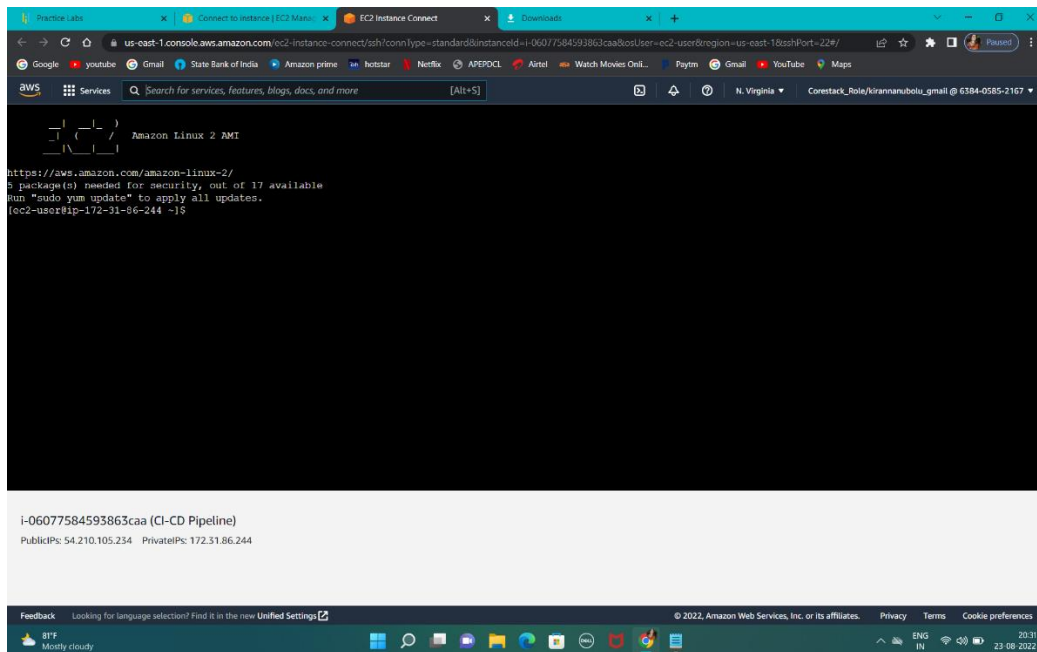
.side2 { -webkit-transform: translateX(150px) rotatez(90deg)
rotateX(64.8deg); transform: translateX(150px) rotatez(90deg)
rotateX(64.8deg); }
.side3 { -webkit-transform: translatez(0) rotateX(64.8deg); transform:
translatez(0) rotateX(64.8deg); }
.side4 { -webkit-transform: translateY(150px) rotateX(115.2deg);
transform: translateY(150px) rotateX(115.2deg); }
.side1:before border-color: rgba(115, 115, 0, 0.3) transparent
transparent transparent; }
.side2:before border-color: rgba(20, 90, 225, 0.3) transparent
transparent transparent; }
.side3:before border-color: rgba(255, 0, 0, 0.3) transparent
transparent transparent; }
.side4:before border-color: rgba(0, 255, 255, 0.3) transparent
transparent transparent; }

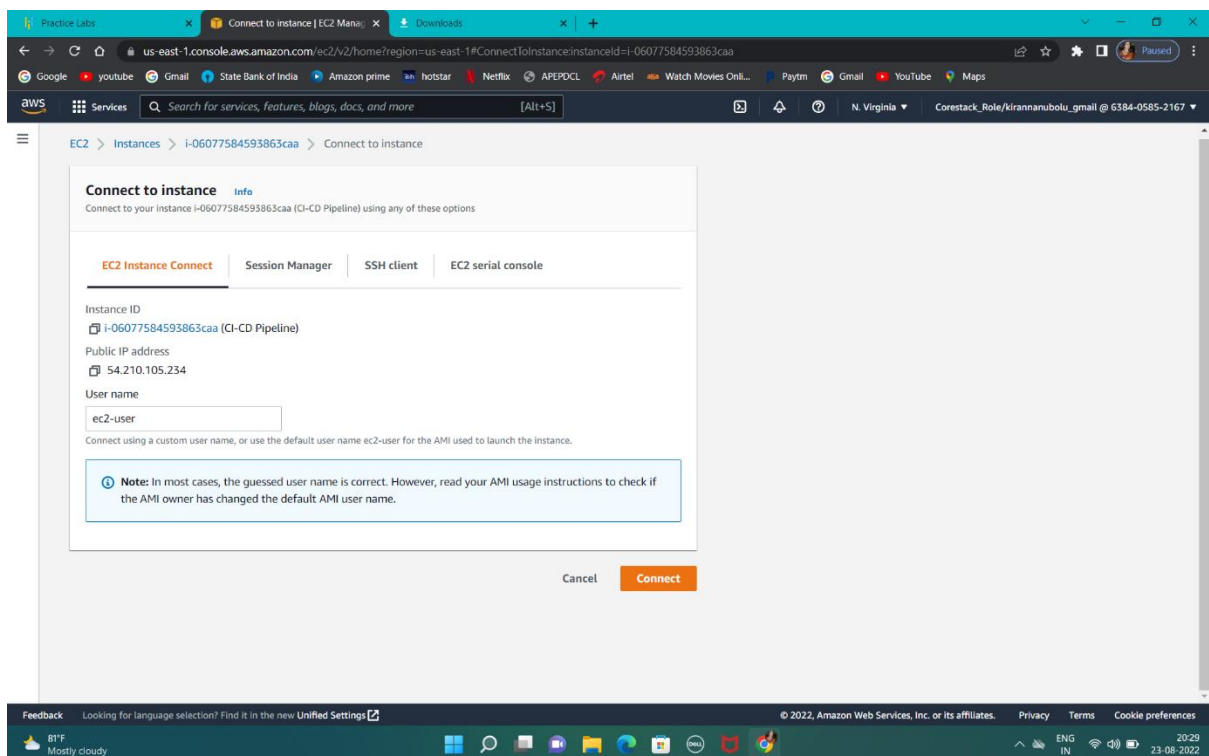
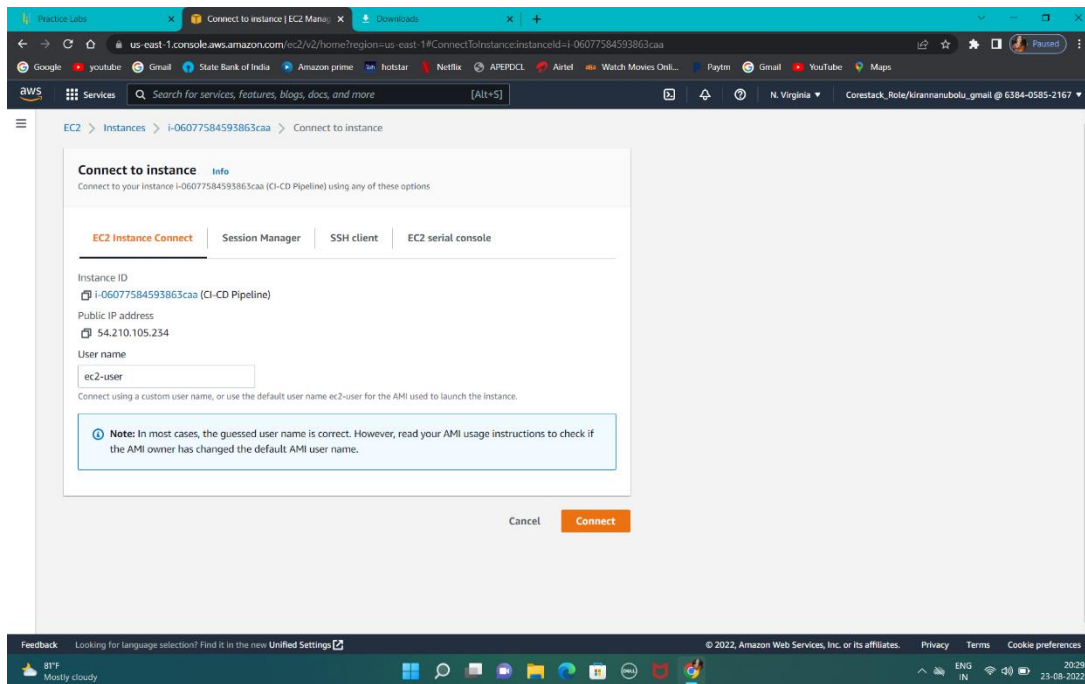
@-webkit-keyframes turnPyramid { 100% { -webkit-transform: rotateX(75deg)
rotate(425deg); } }
@keyframes turnPyramid { 100% { transform: rotateX(75deg) rotate(425deg);
} }

@media (max-width: 300px) {
    html { font-size: 70%; }
    .stage { -webkit-transform: scale(0.05); transform: scale(0.05); }
}
@media (max-width: 440px) {
    h1 { line-height: 55px; }
}
@media (max-width: 460px) {
    .stage { position: absolute; top: 25px; left: 50%; margin-left: -45px; }
    h1 { margin-top: 50px; text-align: center; }
}
@media (max-width: 600px) { .stage { -webkit-transform: scale(0.55);
transform: scale(0.55); margin-right: 60px; } }
@media (min-width: 600px) {
    html { font-size: 80%; }
    .stage { -webkit-transform: scale(0.68); transform: scale(0.68);
margin-right: 80px; }
}
@media (min-width: 880px) {
    html { font-size: 120%; }
    p, li { font-size: 1em; }
    p#pright { margin-left: 3em; }
    .stage { -webkit-transform: scale(0.85); transform: scale(0.85);
margin-right: 120px; }
}

```

# Screenshots







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Instances (1/1) Info

Search

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 D
CI-CD Pipeline	i-06077584593863caa	Running	t2.micro	Initializing	No alarms +	us-east-1d	ec2-54-210-10

Instance: i-06077584593863caa (CI-CD Pipeline)

Details Security Networking Storage Status checks Monitoring Tags

▼ Instance summary Info

Instance ID i-06077584593863caa (CI-CD Pipeline)	Public IPv4 address 54.210.105.234   <a href="#">open address</a>	Private IPv4 addresses 172.31.86.244
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-54-210-105-234.compute-1.amazonaws.com   <a href="#">open address</a>
Hostname type IP name: ip-172-31-86-244.ec2.internal	Private IP DNS name (IPv4 only) ip-172-31-86-244.ec2.internal	Elastic IP addresses -
Answer private resource DNS name IPv4 (A)	Instance type t2.micro	AWS Compute Optimizer finding User: arnaws:sts::638405852167:assumed-role/Corestack_Role/kirannanubolu_gmail @ 6384-0585-2167 is not authorized
Auto-assigned IP address 54.210.105.234 [Public IP]	VPC ID vpc-03095ca5ea31a27f5	

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Instances (1) Info

Search

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 D
CI-CD Pipeline	i-06077584593865caa	Running	t2.micro	Initializing	No alarms +	us-east-1d	ec2-54-210-10

Select an instance

Feedback Looking for language selection? Find it in the new Unified Settings

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Launch an instance | EC2 Manag

us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstances:

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N. Virginia Corestack\_Role/kirannanubolu\_gmail @ 6384-0585-2167

Instance type

t2.micro

Family: T2 1 vCPU 1 GB Memory

On-Demand Linux pricing: 0.01 \$/hr USD per hour

On-Demand Windows pricing: 0.0162 USD per hour

Key pair (login) info

You can use a key pair to securely connect to your instance. Enter the name of the key pair below. 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 more](#)

Key pair name - required

Key pair name

Key pair type

☒ RSA

RSA encrypted private and public key pair

☐ ED25519

ED25519 encrypted private and public key pair (Not supported for Windows instances)

Private key file format

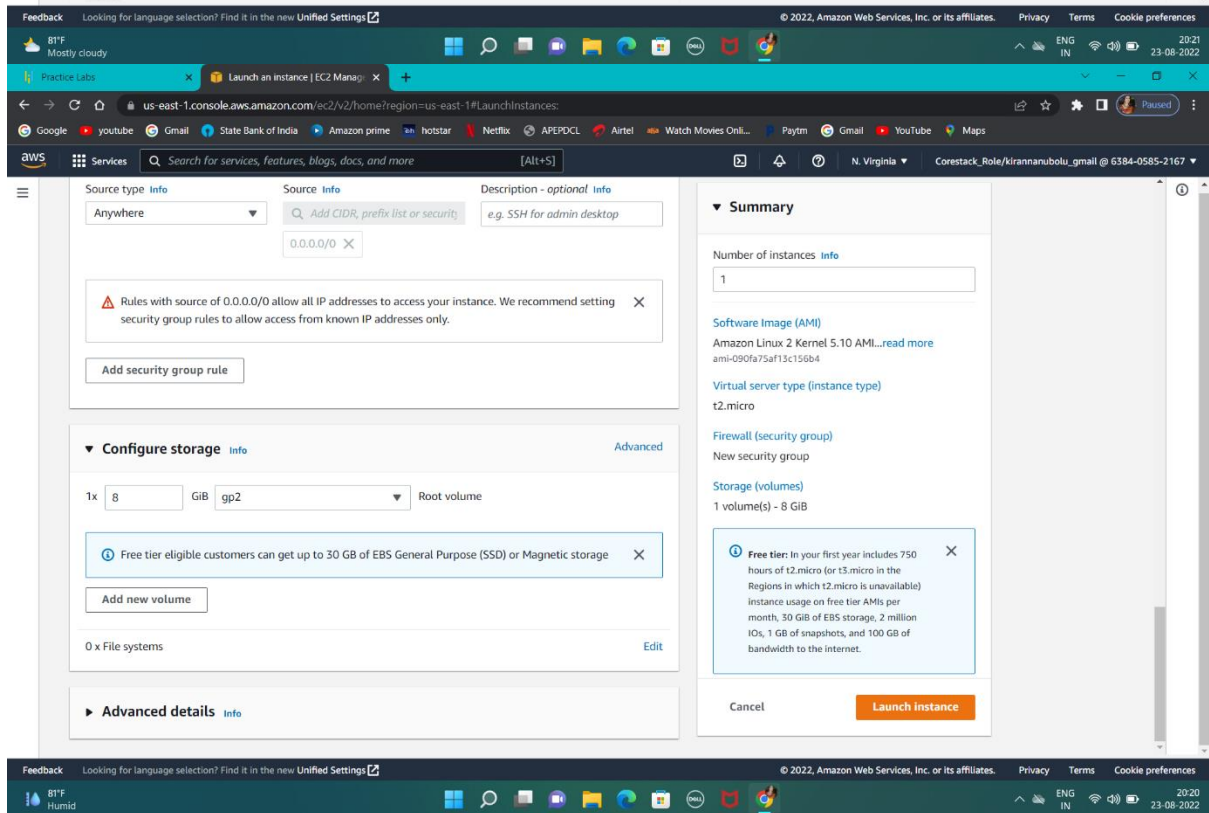
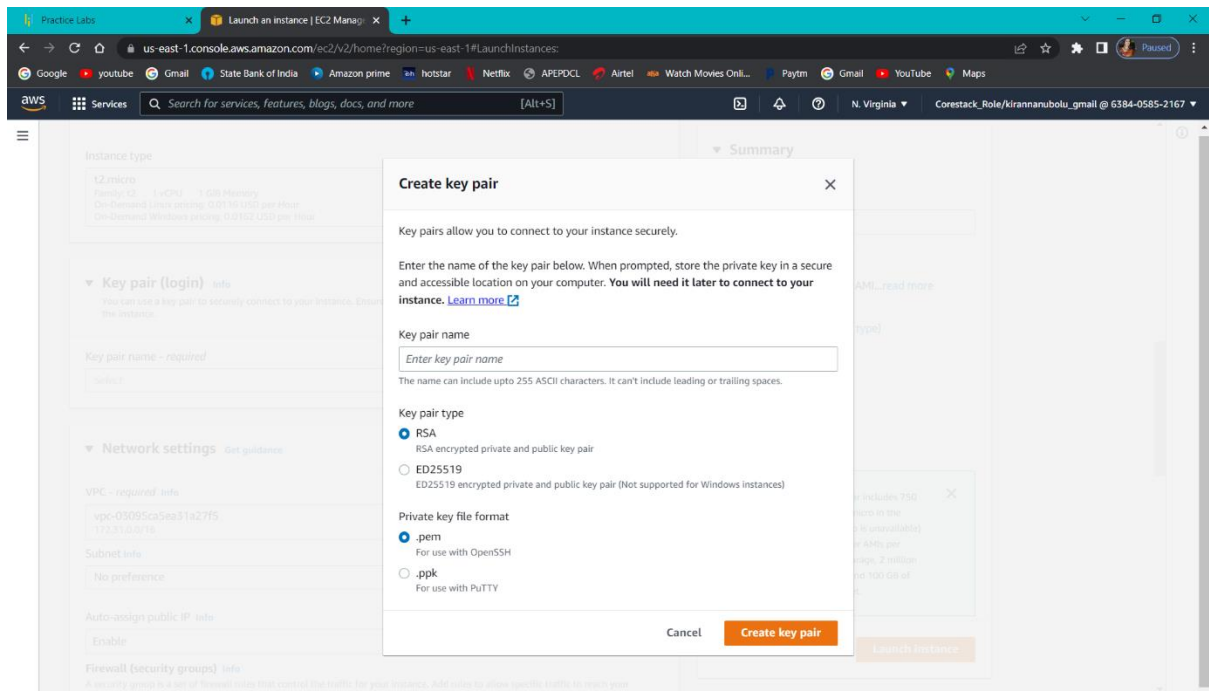
☒ .pem

For use with OpenSSH

☐ .ppk

For use with PuTTY

Create key pair



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Launch an instance | EC2 Manag

us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstances:

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▼ Network settings Get guidance

VPC - required Info  
vpc-03095ca5ea31a27f5 (default) ↻

Subnet Info  
No preference ↻ Create new subnet

Auto-assign public IP Info  
Enable

Firewall (security groups) Info  
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.  
☒ Create security group ☐ Select existing security group

Security group name - required  
launch-wizard-1  
This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and \_-./#,@[\*]~+&[]!\$%

Description - required Info  
launch-wizard-1 created 2022-08-23T14:46:56.210Z

Inbound security groups rules  
▼ Security group rule 1 (TCP, 22, 0.0.0.0/0) Remove

▼ Summary

Number of instances Info  
1

Software Image (AMI)  
Amazon Linux 2 Kernel 5.10 AMI...read more  
ami-090fa75af13c156b4

Virtual server type (instance type)  
t2.micro

Firewall (security group)  
New security group

Storage (volumes)  
1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel Launch instance

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Launch an instance | EC2 Manag

us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstances:

Google youtube Gmail State Bank of India Amazon prime hotstar Netflix APEPOCL Airtel Watch Movies Onli... Paytm Gmail YouTube Maps

Services Search for services, features, blogs, docs, and more [Alt+S]

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Architecture  
64-bit (x86) AMI ID  
ami-090fa75af13c156b4 Verified provider

▼ Instance type Info

Instance type  
t2.micro  
Family: t2 1 vCPU 1 GiB Memory  
On-Demand Linux pricing: 0.0116 USD per Hour  
On-Demand Windows pricing: 0.0162 USD per Hour  
Free tier eligible  
Compare instance types

t1.micro  
Family: t1 1 vCPU 0.612 GiB Memory  
On-Demand Linux pricing: 0.02 USD per Hour  
On-Demand Windows pricing: 0.02 USD per Hour  
Free tier eligible

t2.nano  
Family: t2 1 vCPU 0.5 GiB Memory  
On-Demand Linux pricing: 0.0058 USD per Hour  
On-Demand Windows pricing: 0.0081 USD per Hour

t2.micro  
Family: t2 1 vCPU 1 GiB Memory  
On-Demand Linux pricing: 0.0116 USD per Hour  
On-Demand Windows pricing: 0.0162 USD per Hour  
Free tier eligible  
Create new key pair

t2.small  
Family: t2 1 vCPU 2 GiB Memory  
On-Demand Linux pricing: 0.023 USD per Hour  
On-Demand Windows pricing: 0.032 USD per Hour

Network Info  
vpc-03095ca5ea31a27f5

▼ Summary

Number of instances Info  
1

Software Image (AMI)  
Amazon Linux 2 Kernel 5.10 AMI...read more  
ami-090fa75af13c156b4

Virtual server type (instance type)  
t2.micro

Firewall (security group)  
New security group

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Cancel Launch instance

