Project Name:

CI/CD Deployment for Spring Boot Application

This code is developed by:-Tata Sai Vineeth

This code for this project is hosted at:-

https://github.com/Sai153793/CI-CD-Deployment-for-spring-boot-application.git

Overview

Project Objective:

As a Full stack Developer, you have to build a CI/CD pipeline to demonstrate continuous deployment and host the application on AWSEC2 instance.

Goals

As the Project is in the final stage, management has asked you to automate the integration and deployment of the web application. You are required to set up an environment where the application will be hosted and accessed by users. The source code is supposed to be fetched from a GitHub repository.

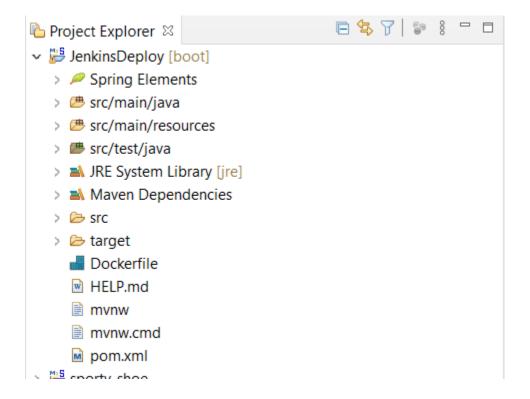
Toolsused

- Eclipse
- GitHub
- Jenkins
- AWSEC2/Virtualmachine

Specifications

- Apart of the source code should be tracked on the GitHub repository. You need to document the tracked files that are ignored during the final push to the GitHub repository.
- The submission of your GitHub repository link is mandatory. In order to track your task, you need to share the link of the repository in the document.
- The step-by-step process involved in completing this task should be documented.

ProjectExplorer



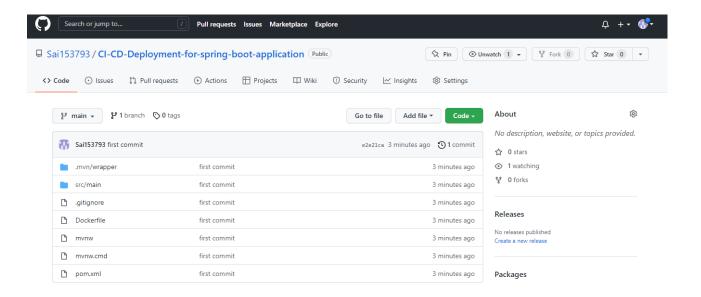
Sourcecode

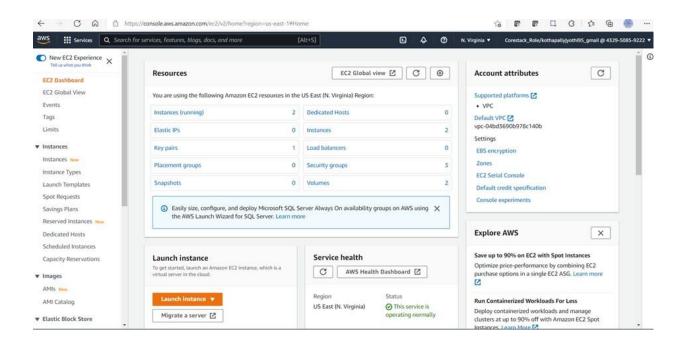
User

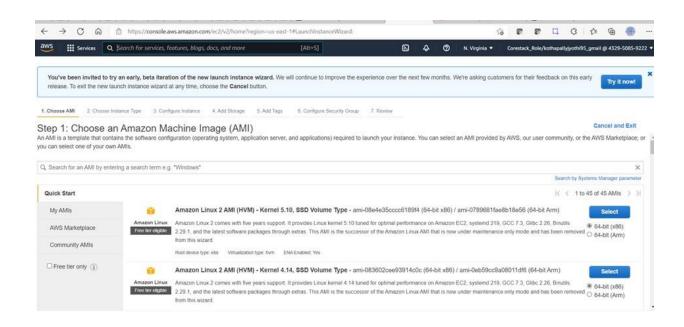
```
application.properties 🗓 *User.java × 🗓 JenkinsDeployApplication.java 🗓 Springinitilizer.java
 1 package com.example.JenkinsDeploy;
 3⊕ import org.springframework.stereotype.Controller; [
 7 @Controller
 8 public class User {
10⊝
       @ResponseBody
11
       @RequestMapping("User")
12 public String init ()
13
15
           return "This is Sai vineeth spring boot app";
16
17
       }
18
19 }
20
21
```

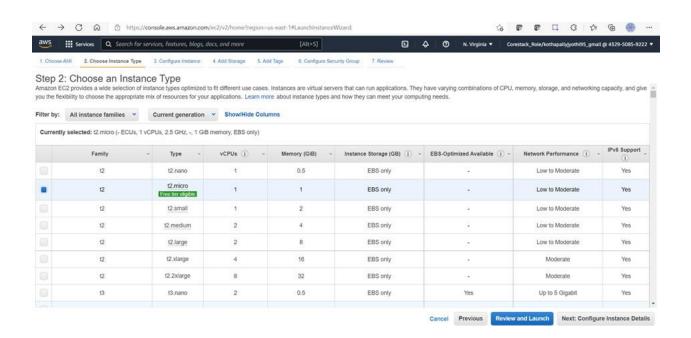
DockerFile

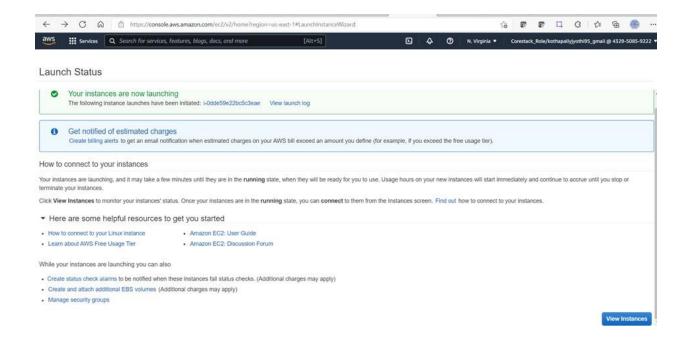
GitHubRepository

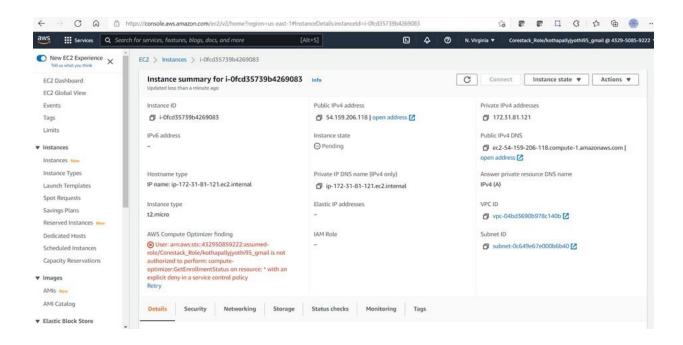


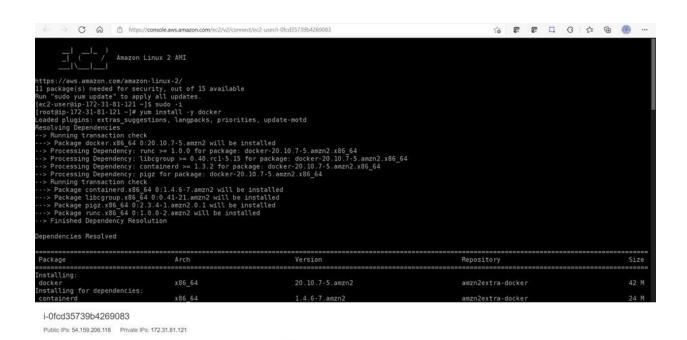


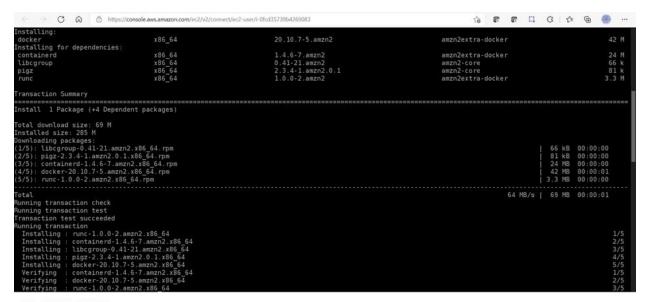








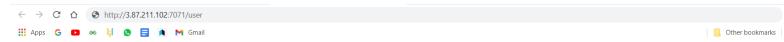




i-0fcd35739b4269083

Public IPs: 54.159.206.118 Private IPs: 172.31.81.121

Output:



This is Sai vineeth spring boot app