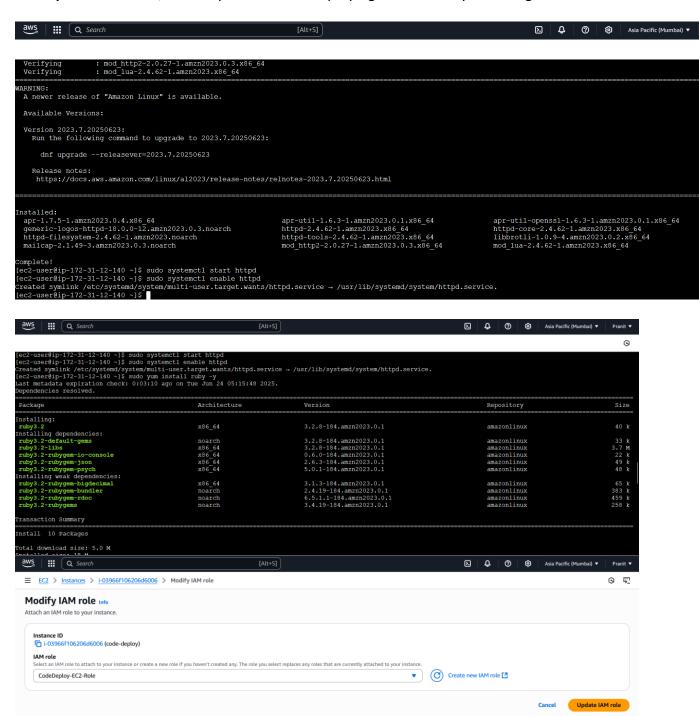
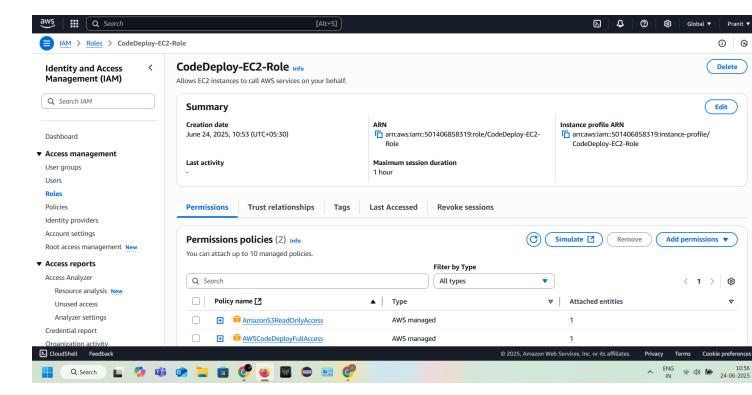
## **Task Description:**

Deploy a simple web application using AWS code commit, code build and deploy & access via browser and automate via codepipeline.

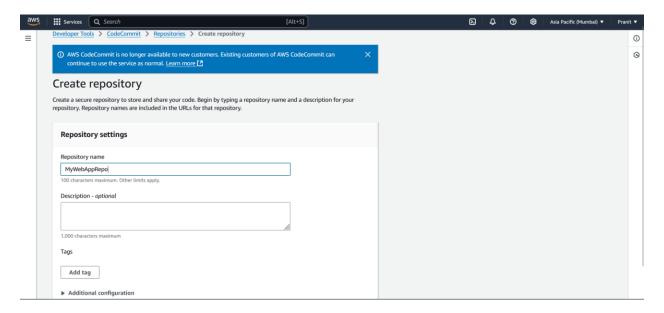
>> Step 1: Launch EC2, Install Apache + Code Deploy Agent and finally attaching IAM role to EC2

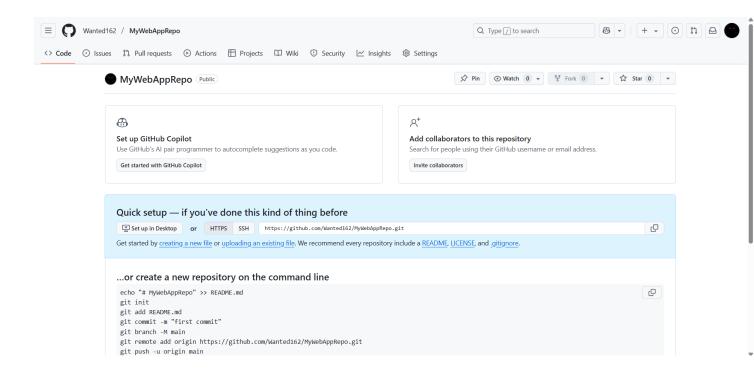
(3)





## >> Step 2: Create CodeCommit Repo, set-up Git and push the code





```
91866@LAPTOP-I9TPEN7J MINGW64 ~ (main)
$ git config --global user.email "pisalpranitl@gmail.com"

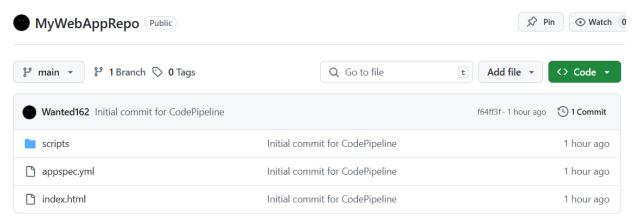
91866@LAPTOP-I9TPEN7J MINGW64 ~ (main)
$ mkdir MyWebAppRepo

91866@LAPTOP-I9TPEN7J MINGW64 ~ (main)
$ cd MyWebAppRepo

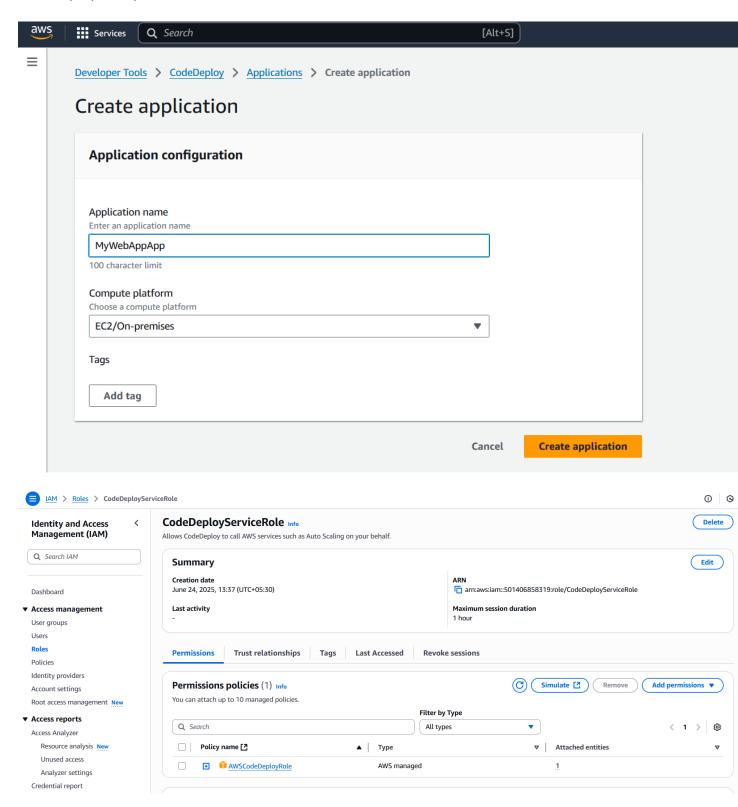
91866@LAPTOP-I9TPEN7J MINGW64 ~ (main)
$ echo "<hl>* erho "<hl>* erho "<hl>* index.html
bash: !: event not found

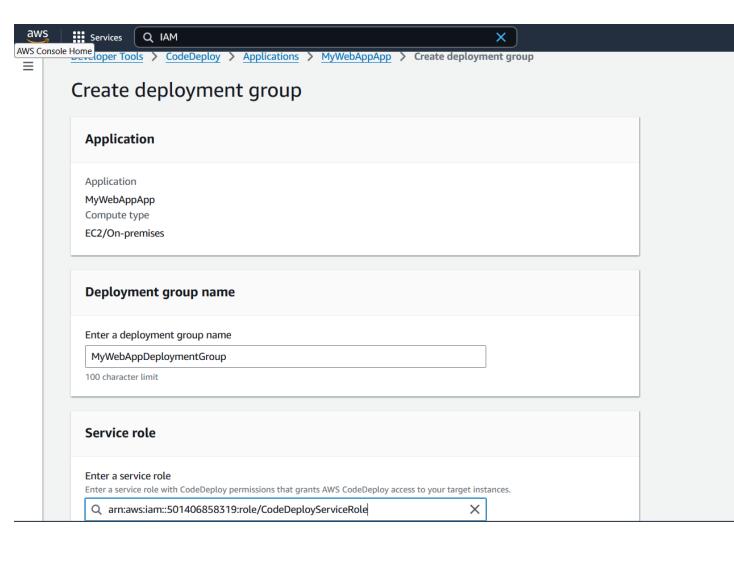
91866@LAPTOP-I9TPEN7J MINGW64 ~ (MyWebAppRepo (main)
$ echo "<hl>* erho "<hl>* erho
```

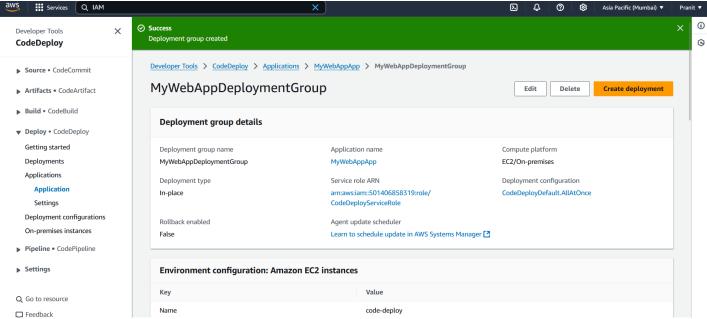
```
hooks:
    BeforeInstall:
        - location: scripts/install_dependencies.sh
          timeout: 300
    runas: root
AfterInstall:
           location: scripts/start_server.sh
           timeout: 300
           runas: root
E0F
91866@LAPTOP-I9TPEN7J MINGW64 ~/MyWebAppRepo (main)
$ git init git add .
git commit -m "Initial commit for CodePipeline"
Initialized empty Git repository in C:/Users/91866/MyWebAppRepo/.git/
warning: in the working copy of 'appspec.yml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'scripts/install_dependencies.sh', LF will be replaced by CRLF the next time Git touches
 it
warning: in the working copy of 'scripts/start_server.sh', LF will be replaced by CRLF the next time Git touches it [master (root-commit) f64ff3f] Initial commit for CodePipeline
  4 files changed, 21 insertions(+) create mode 100644 appspec.yml
  create mode 100644 index.html
  create mode 100644 scripts/install_dependencies.sh
create mode 100644 scripts/start_server.sh
  91866@LAPTOP-I9TPEN7J MINGW64 ~/MyWebAppRepo (master)
 $ git remote add origin https://github.com/Wanted162/MyWebAppRepo.git
  91866@LAPTOP-I9TPEN7J MINGW64 ~/MyWebAppRepo (master)
 $ git branch -M main
  91866@LAPTOP-I9TPEN7J MINGW64 ~/MyWebAppRepo (main)
 $ git push -u origin main
$ git push -u origin main
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (7/7), 720 bytes | 720.00 KiB/s, done.
Total 7 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Wanted162/MyWebAppRepo.git
 * [new branch] main -> main
branch 'main' set up to track 'origin/main'.
  91866@LAPTOP-I9TPEN7J MINGW64 <mark>~/MyWebAppRepo (main)</mark>
```



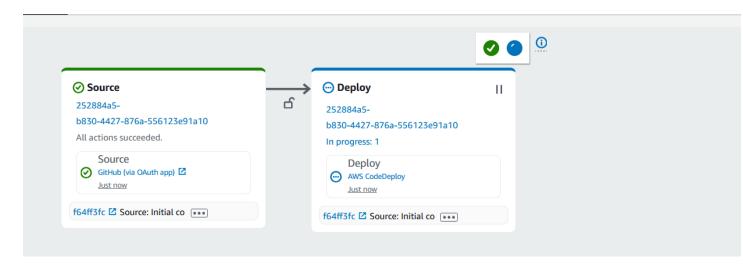
>> Step 3: Setup EC2 Instance for CodeDeploy and then create CodeDeploy Application and CodeDeploy Group



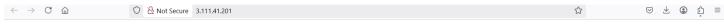




## >> Step 4: Create Code-Pipeline with Github source



>> Final Step: Access your site by clicking on your Public IP of EC2 instance which should show the message "It works!"



It works!