

Elastic Beanstalk

Choose Create application

Give a unique name (like USERID_A_EB)

Create environment

Select Web Server Environment

Choose Platform - PHP

Under Presets - Select Single instance (using spot instance)

Click Next

Select Existing service roles - s3-Fullroles

Select EC2 instance profile - s3-Fullroles

Click Next

In Setup networking page - DO NOT SELECT ANYTHING - leave default - Click Next

Under Root Volume (Boot Device) - Select GENERAL PURPOSE 3(SSD) - VERY IMPORTANT

In the bottom click Skip to Review

Click SUBMIT

wait for 5-10 mins and application will be created

Domain will showing on the screen and click on the domain to open the DEFAULT WEBSITE CREATED. **(Take a screenshot 1 and paste into a Word file)**

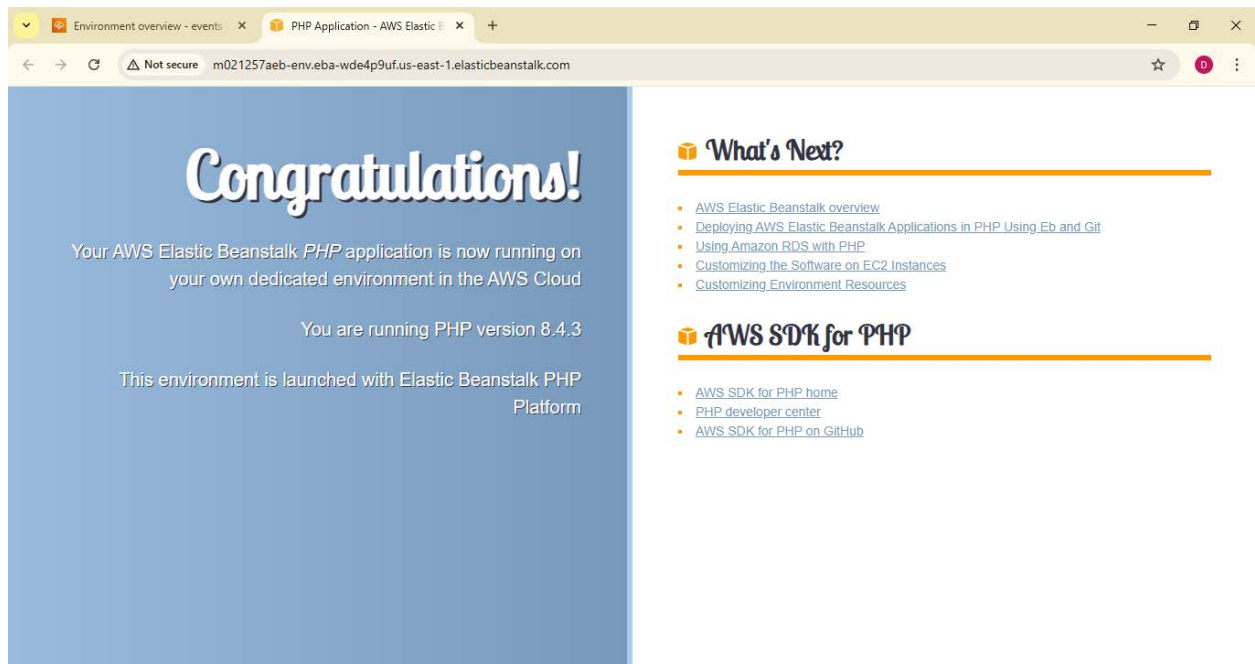
Codepipeline

- Create Pipeline
- Select Build Custom Pipeline
- Give a unique name (USERID_A_PIPELINE)
- Go to the bottom and click next
- Under Source provider - Select Github (via Github App)
- Under connect select - Connect to Github
- A New popup window will open - Create a new github connection (unique name)
- Install app - authorize -
- Come back to pipeline creation window
- Under connection select the new github connection you just now created
- Under Repository name - select your right repository - (Example: userid/aws-codepipeline-s3-codedeploy-linux)
- Under default branch - select master
- Click Next
- Click Skip build stage
- Click Skip test stage
- Under Deploy - Select AWS Elastic Beanstalk
- Select the region where EB was created above
- Select the application name (you created in above step)
- Select the environment
- Click Next
- Click Create pipeline
- After sometime the pipeline will start running (look for the 2 small tick marks on right side of the page)

- Once both ticks appear - open the Elastic Beanstalk web page (Take URL from Domain option) and check if your Github index.html contents are showing here - **(Take a screenshot 2 and paste in word file)**

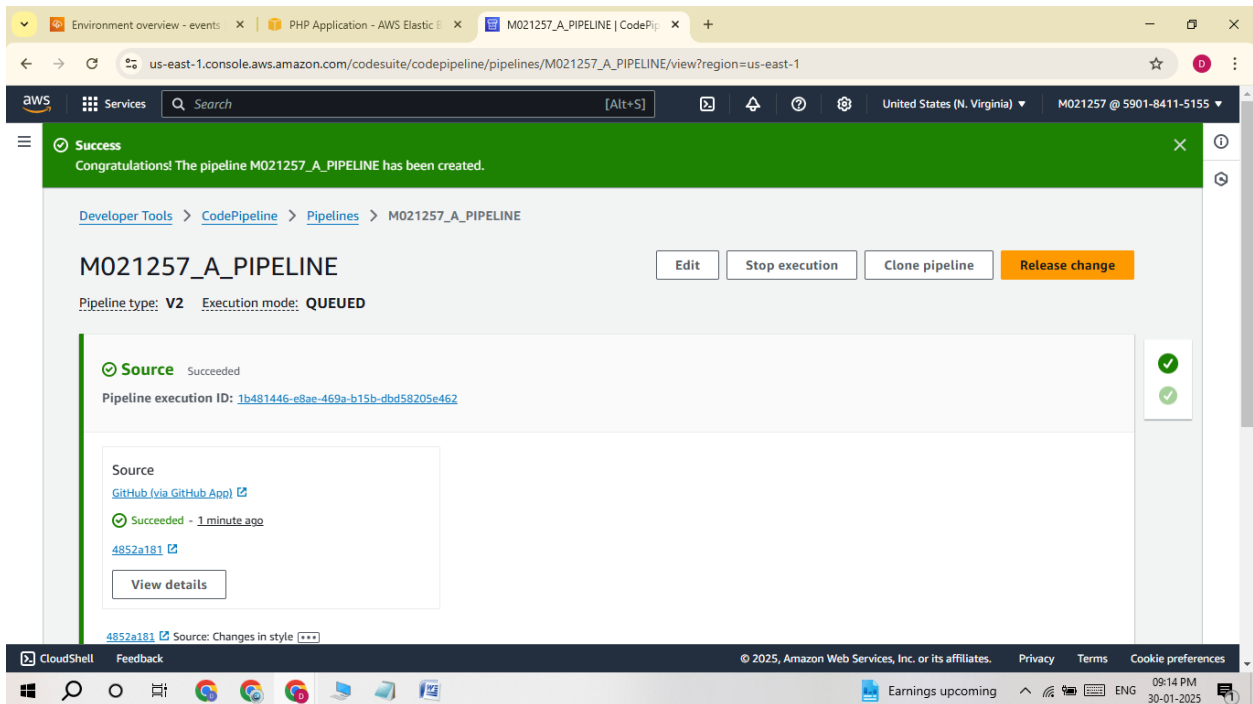
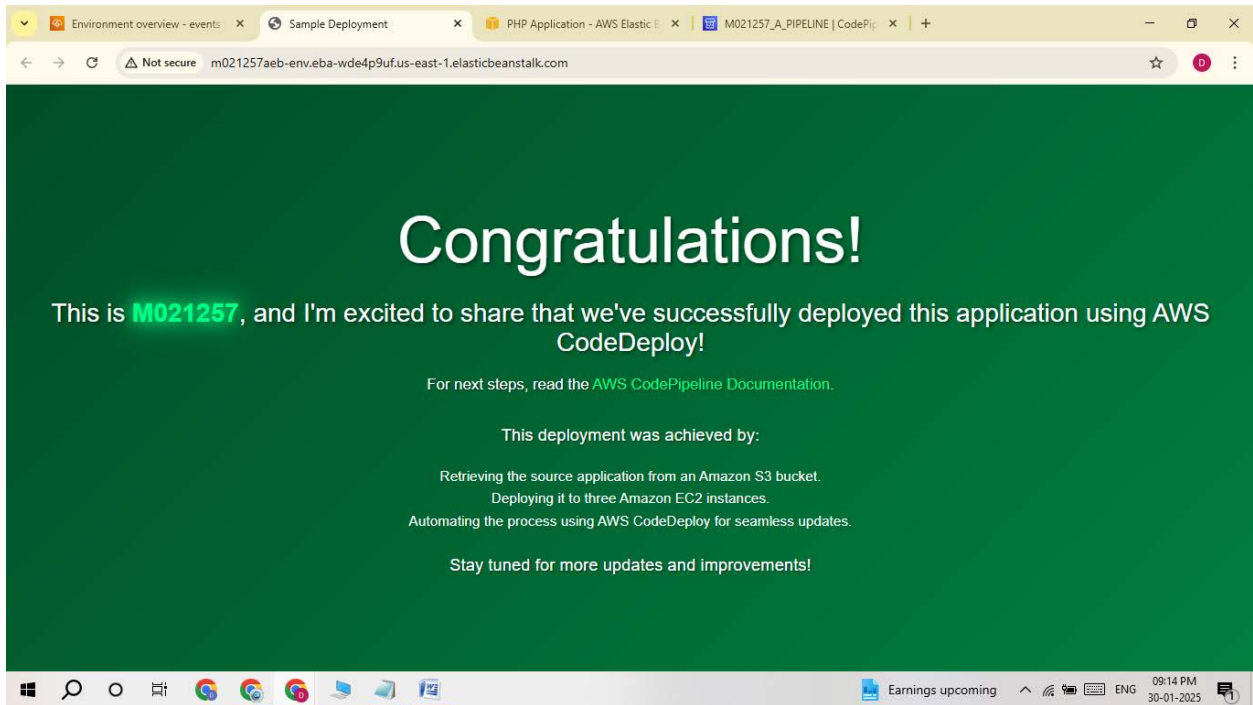
Screenshot 1: DEFAULT WEBSITE

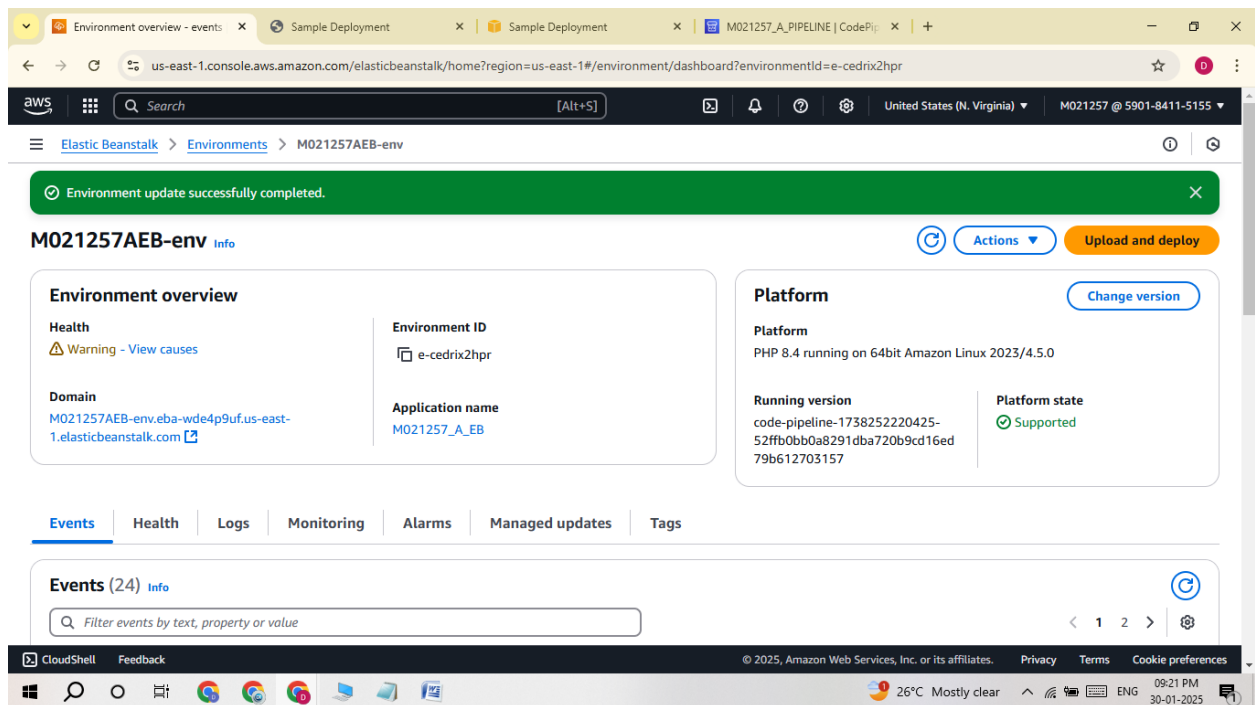
My url : <http://m021257aeb-env.eba-wde4p9uf.us-east-1.elasticbeanstalk.com/>



Screenshot 2: GITHUB INDEX.HTML

URL: <http://m021257aeb-env.eba-wde4p9uf.us-east-1.elasticbeanstalk.com/>





Screenshot 3: CHANGES ARE VISIBLE

URL: <http://m021257aeb-env.eba-wde4p9uf.us-east-1.elasticbeanstalk.com/>

