EXPERIMENT 2

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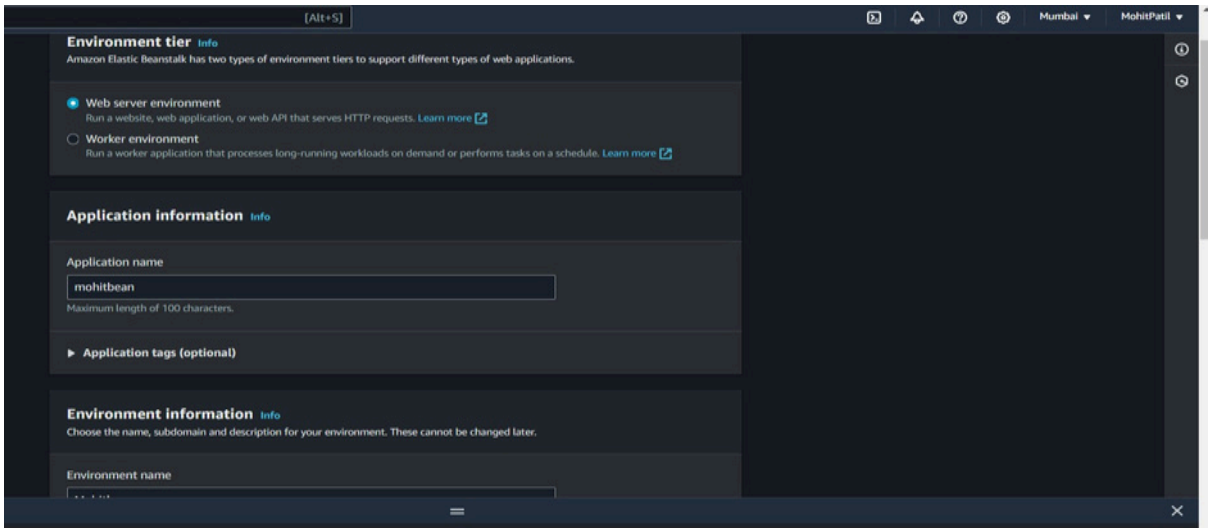
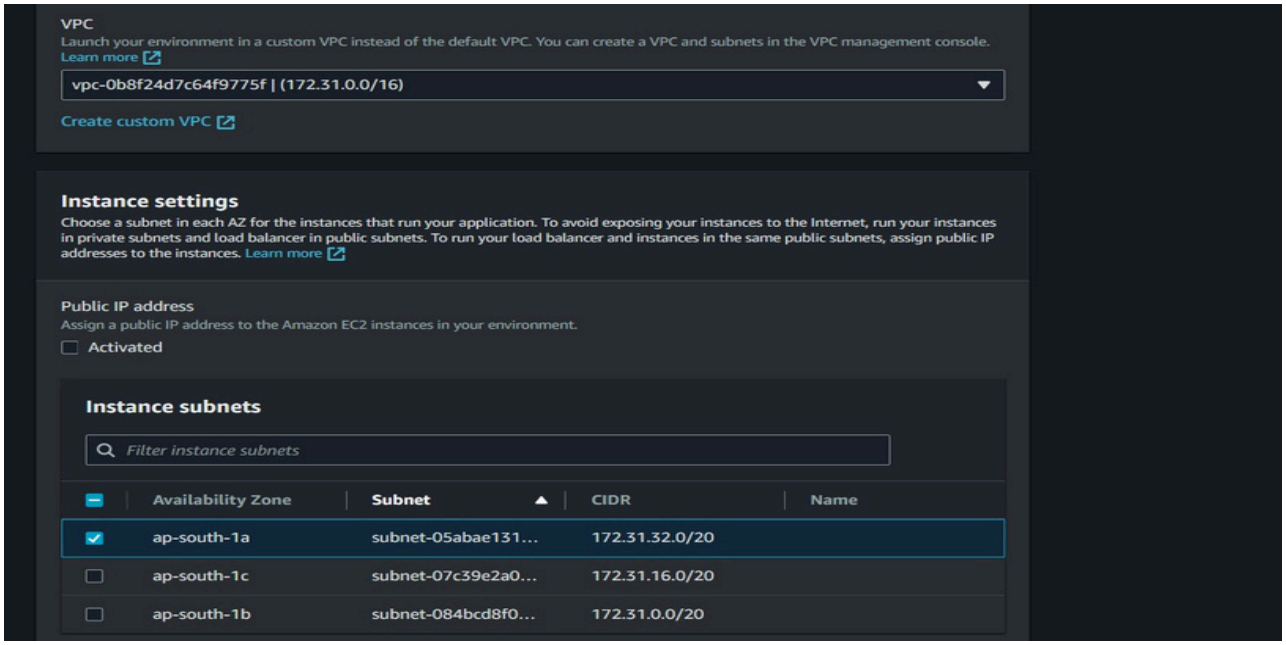
Aim :To Build Your Application using AWS CodeBuild and Deploy on S3 / SEBS using AWS CodePipeline, deploy Sample Application on EC2 instance using AWS CodeDeploy.

Elastic Beanstalk

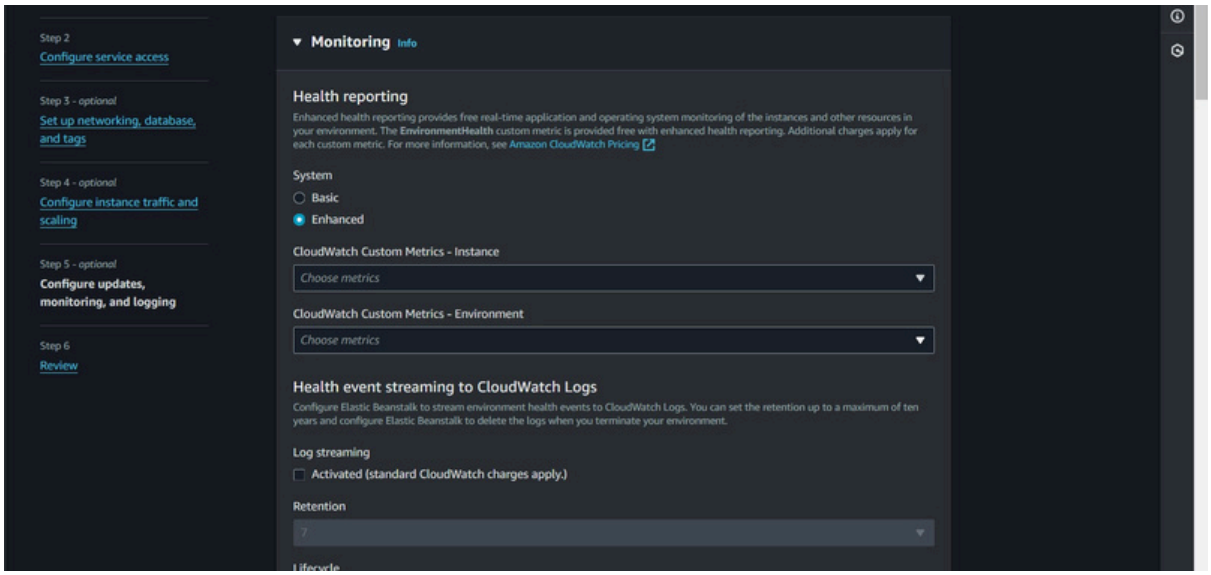
Step 1: create environment

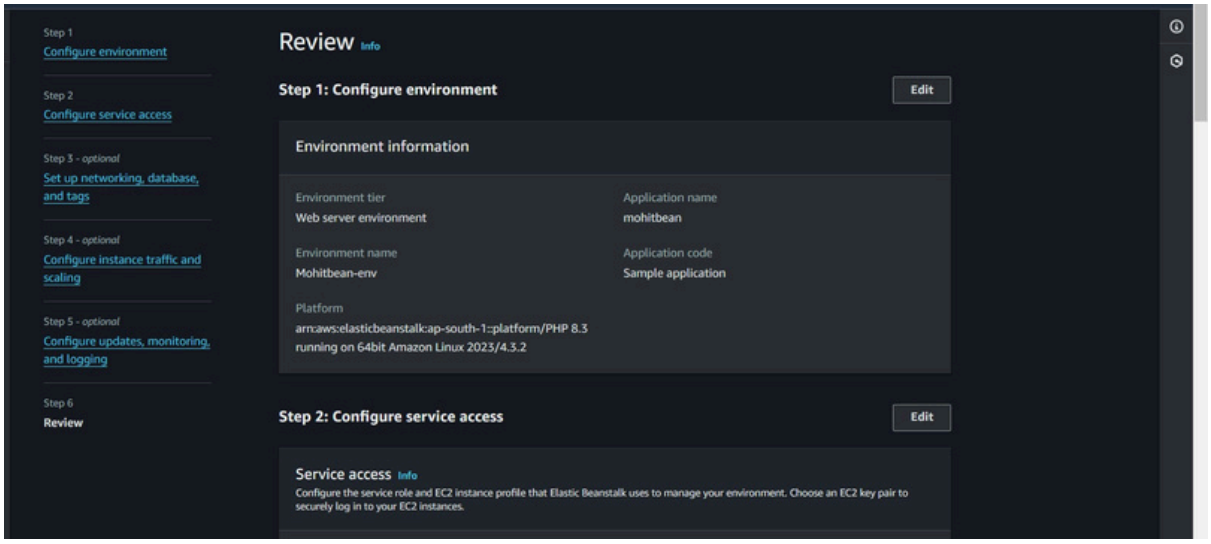


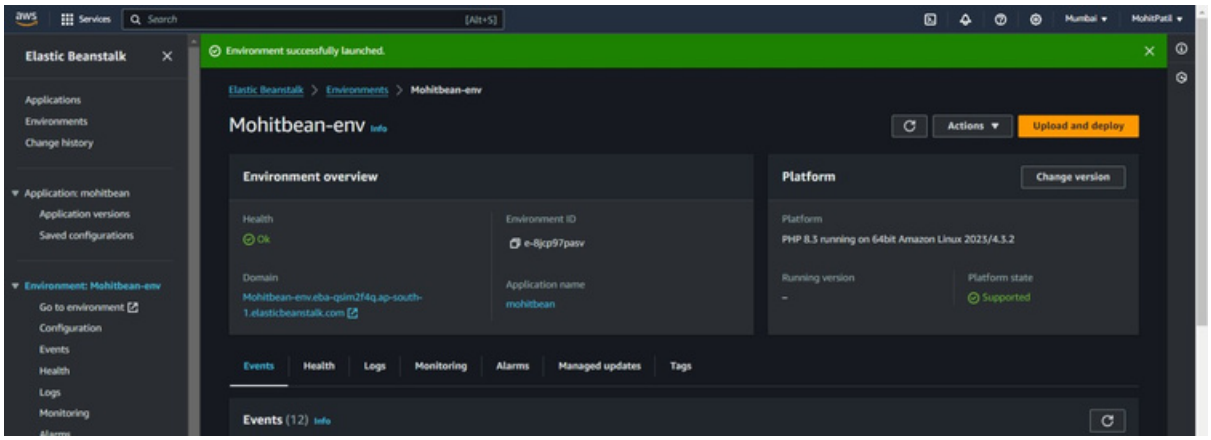
Step 2 : add your Ec2 key pair and instance profile



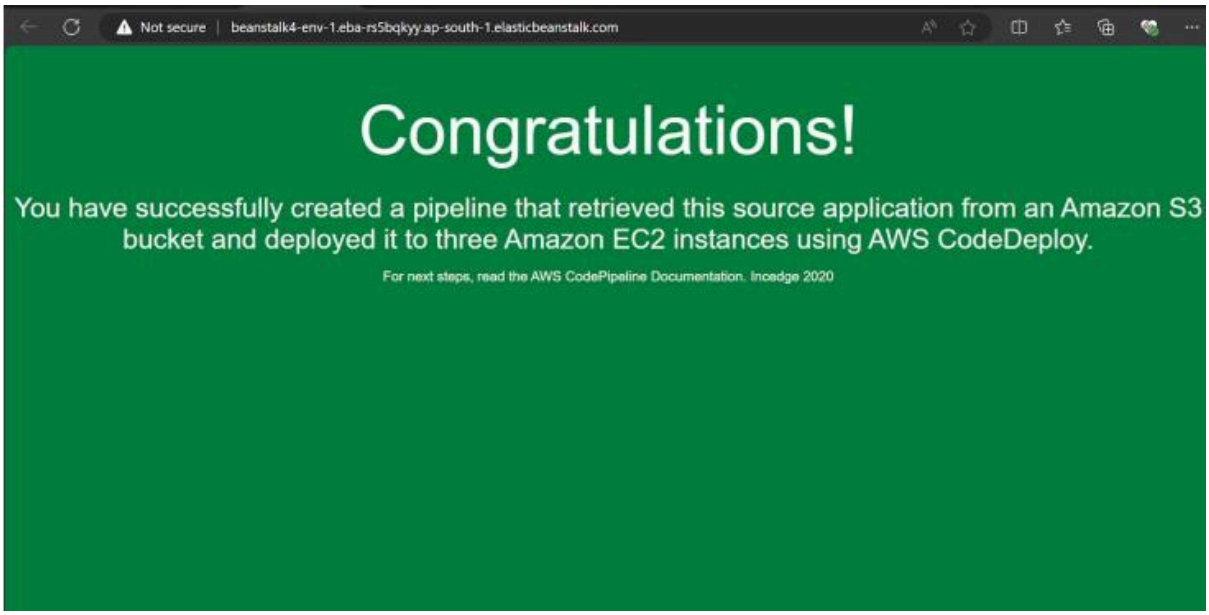
Step 3 : add security config and review all settings



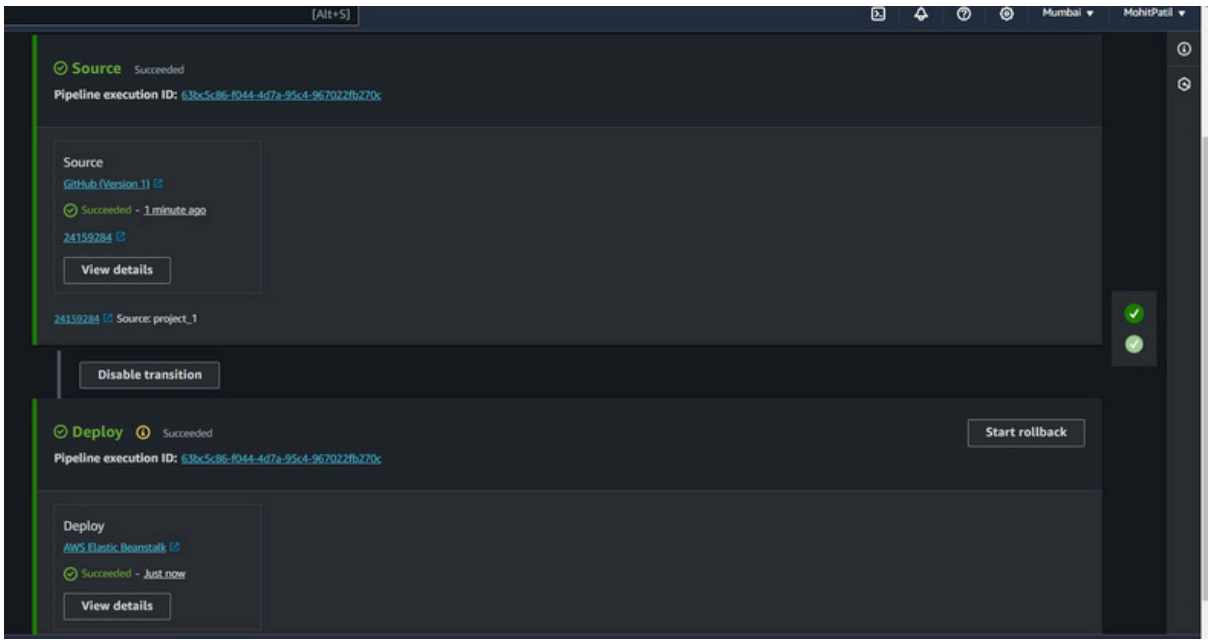




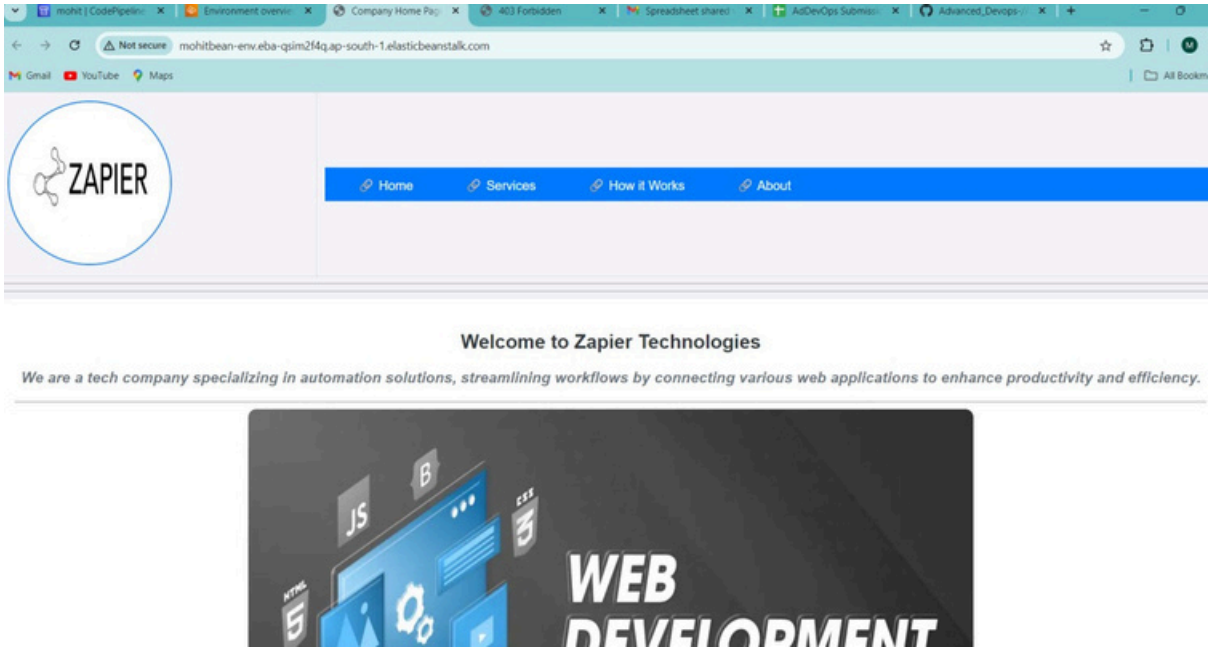
Step 4 : Beanstalk environment is created



view the pipeline build and deployment



Check the deployed website at beanstalk link



Conclusion:

The integration of AWS CodeBuild, CodePipeline, and CodeDeploy provides a powerful framework for continuous integration and continuous delivery (CI/CD) of applications. By leveraging these AWS services, developers can automate the entire lifecycle of application development—from building and testing to deployment—resulting in a more efficient and reliable workflow.