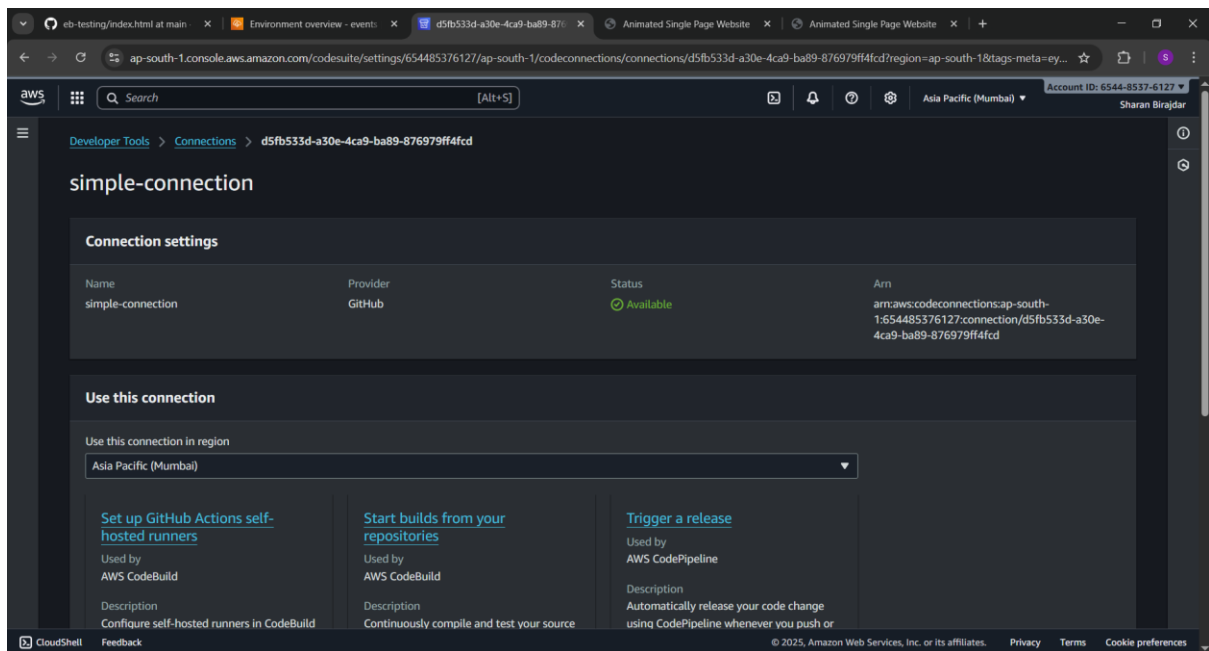


# AWS CI/CD Deployment with Elastic Beanstalk, Code Pipeline & Route 53

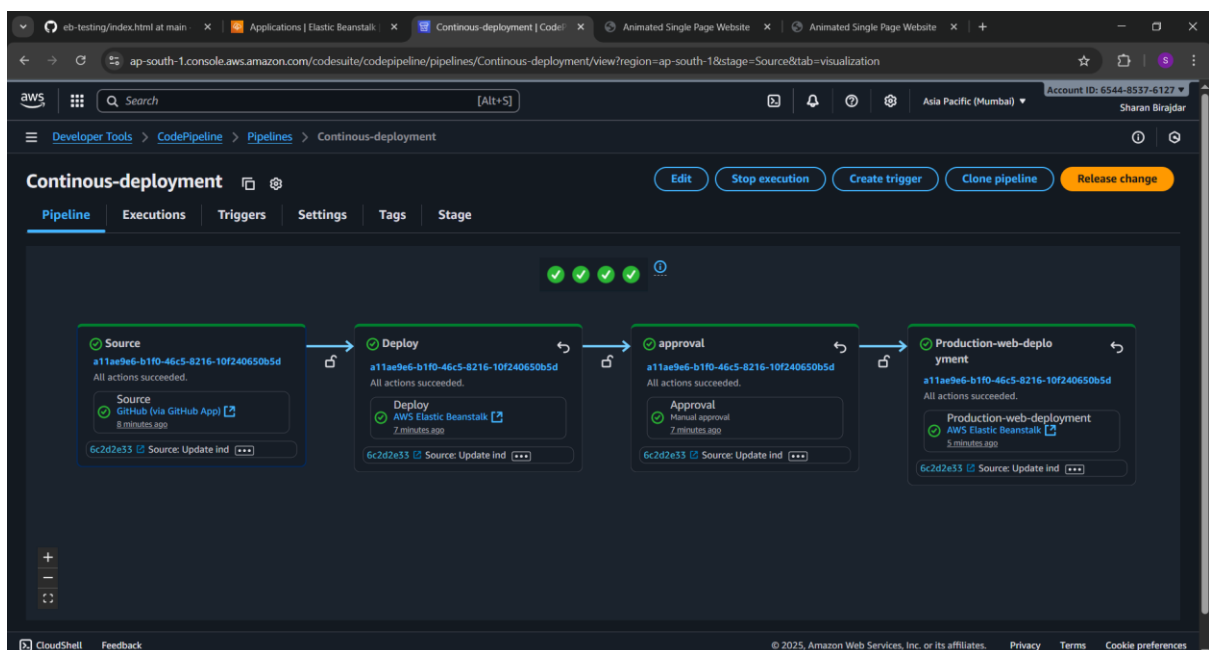
## 1. GitHub Connection to AWS Code Pipeline:

-We created a connection between GitHub and AWS Code Pipeline to enable continuous integration.



## 2. Code Pipeline Setup for Continuous Deployment:

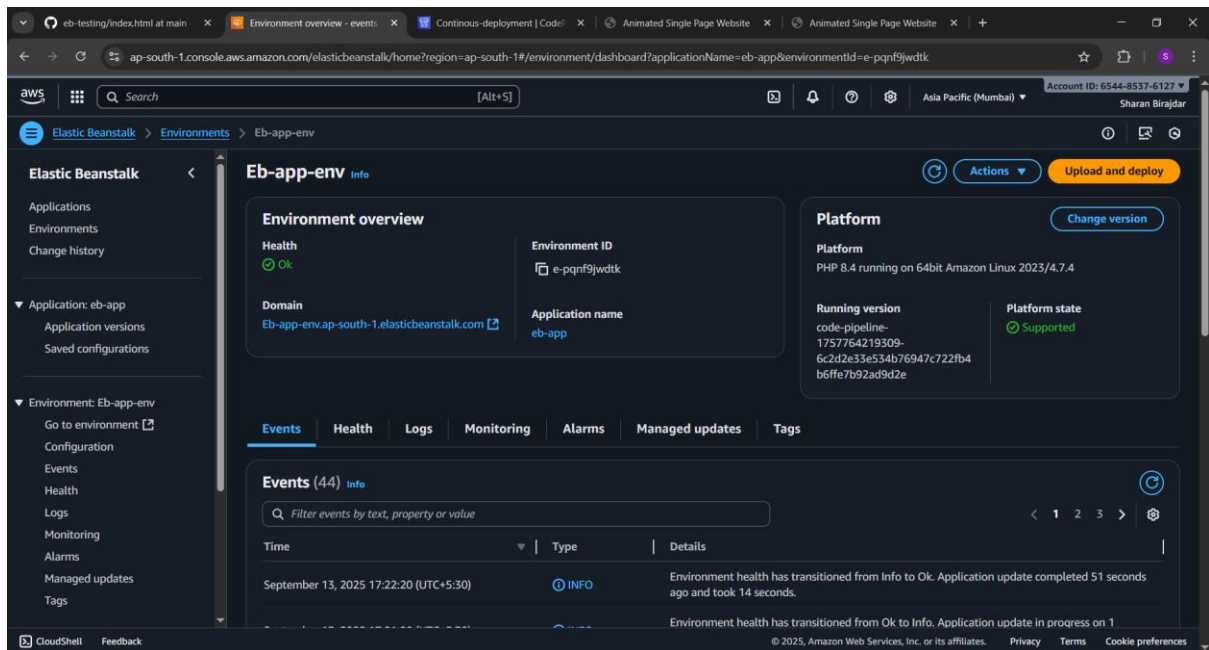
-A pipeline was created with stages: Source (GitHub), Deploy (Elastic Beanstalk), Approval (manual), and Production Deployment.



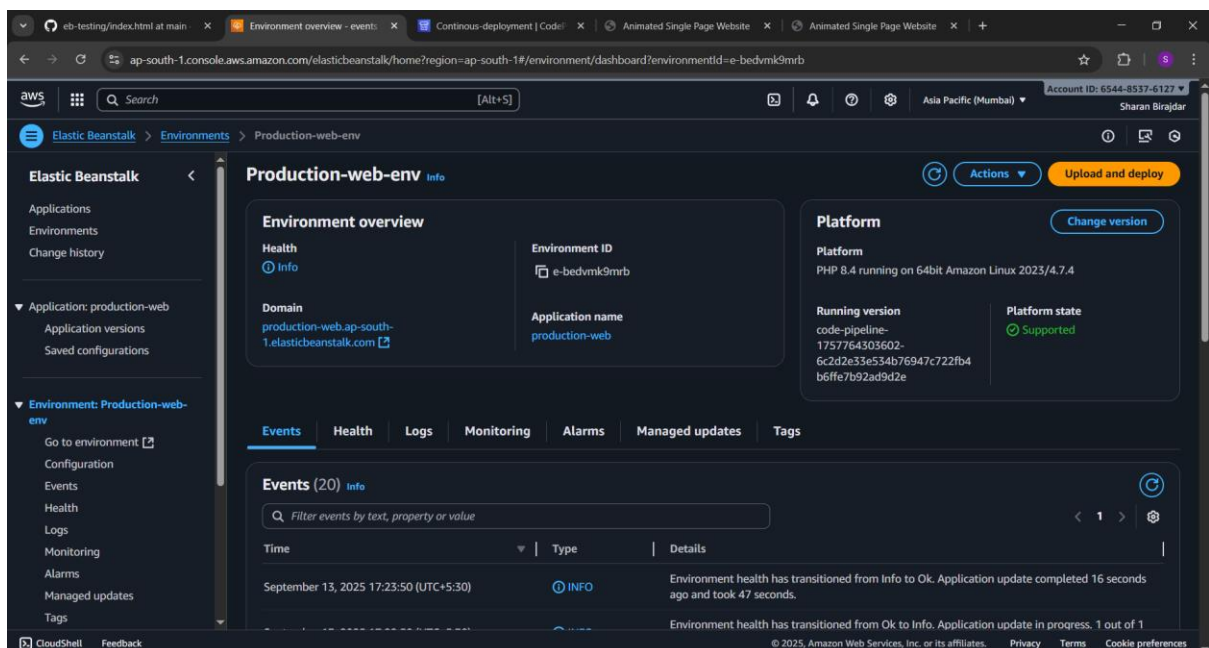
### 3. Elastic Beanstalk Environment:

-Elastic Beanstalk was used as the hosting environment for the application. It provides scalability, monitoring, and easy deployment.

#### ➤ Testing Environment:

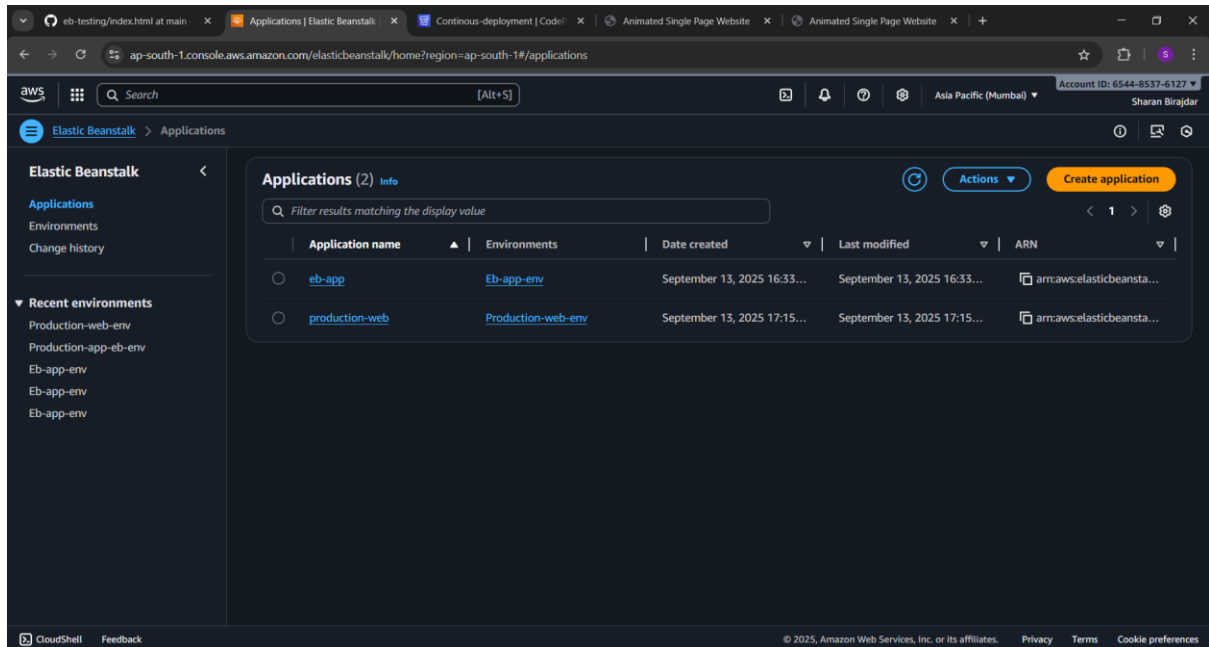


#### ➤ Production Environment:



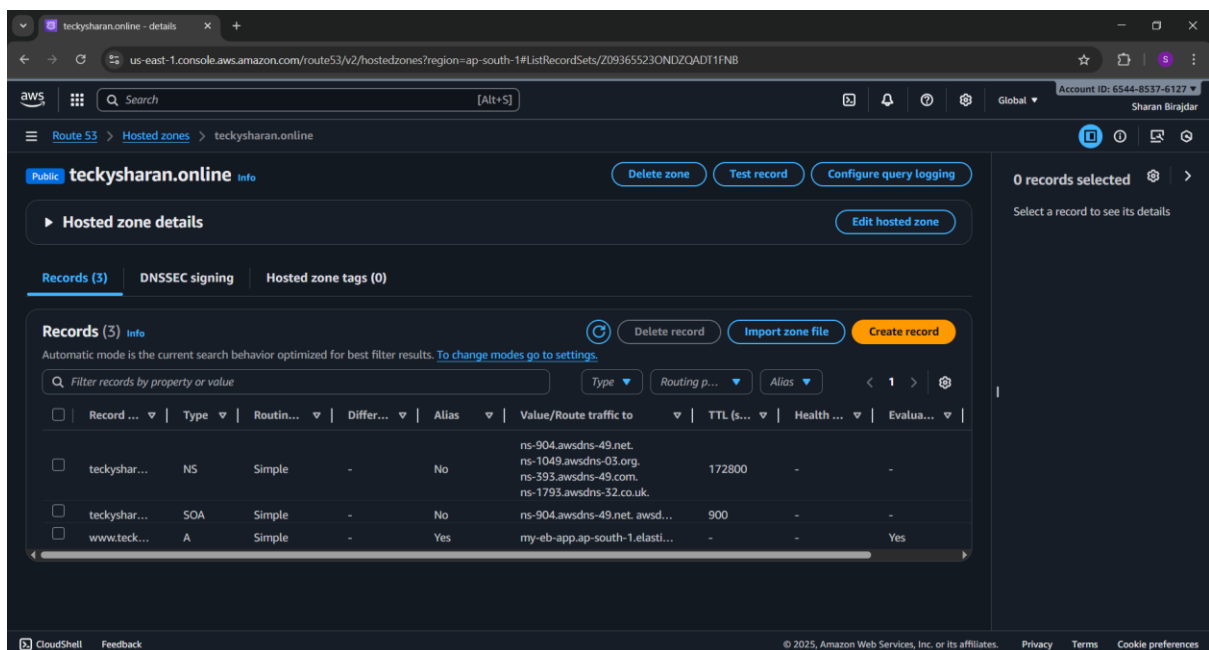
## 4. Elastic Beanstalk Applications:

-Two applications were created: eb-app (test) and production-web (production).



## 5. Route 53 Configuration:

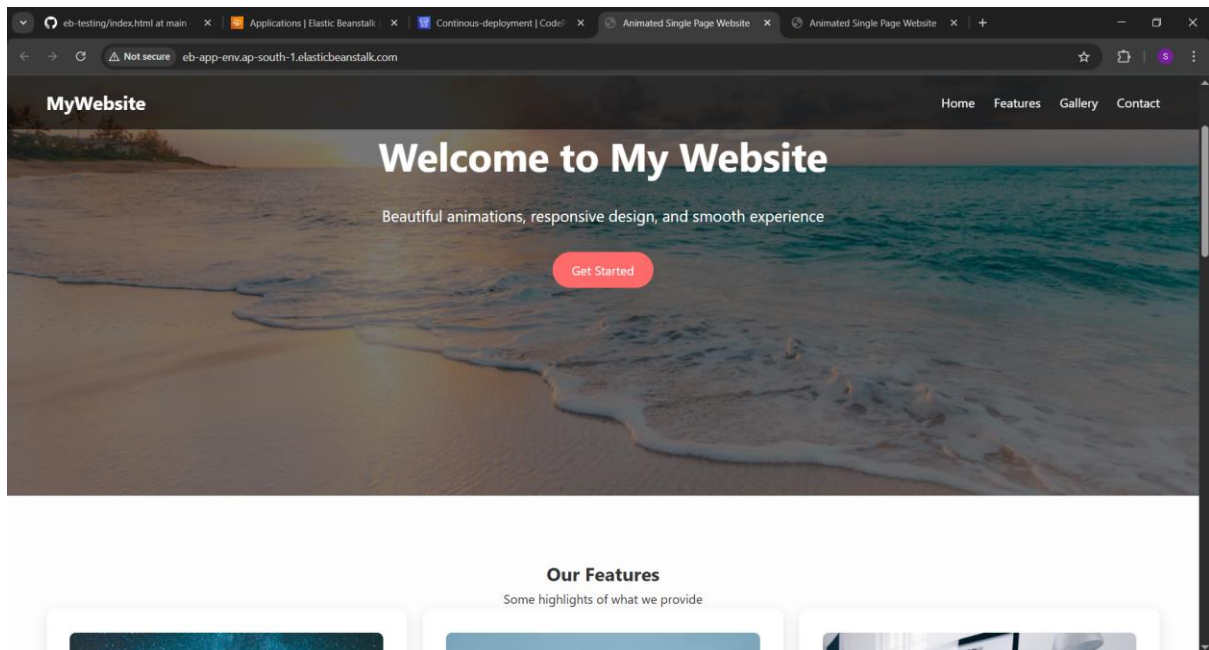
The application was mapped to a custom domain using Route 53 for DNS management.



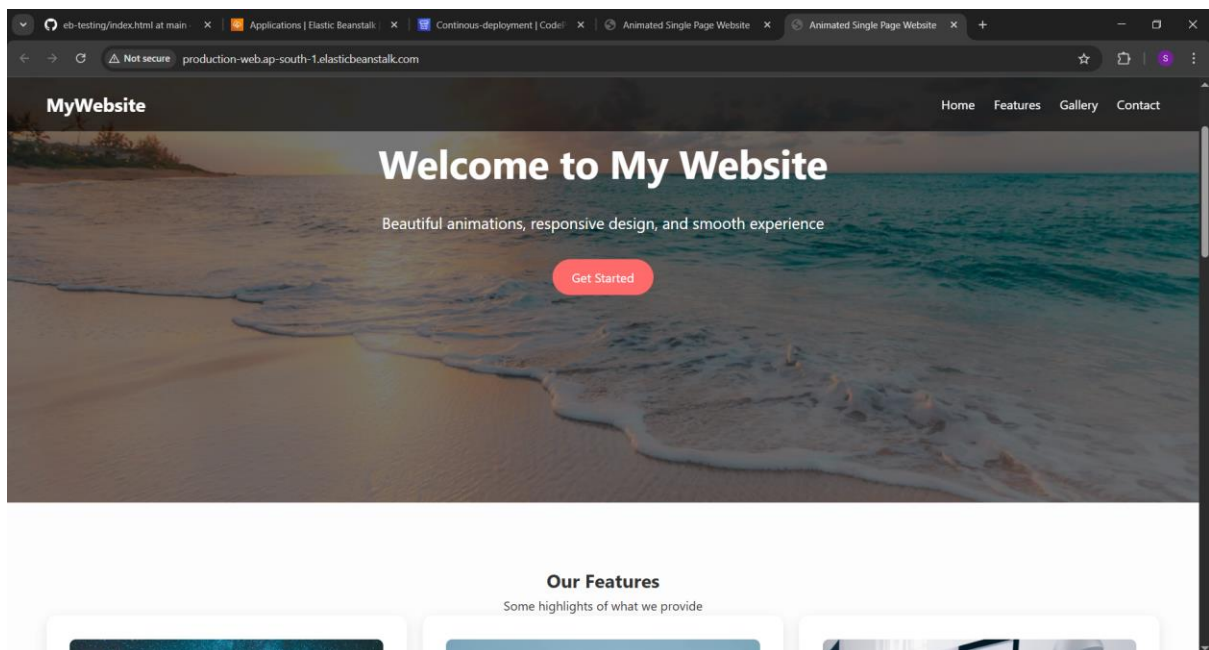
## 6. Final Outputs:

Accessing final output through elastic beanstalk environment default domain-url name.

➤ Testing app:



➤ Production app:



## 7. Final Production Output:

The production website is now live and accessible through the custom domain ([www.teckysharan.online](http://www.teckysharan.online)).

