

A. P. SHAH INSTITUTE OF TECHNOLOGY

Department of Information Technology

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Semester: V Name of Student:Harsh Prajapati Academic Year: 2024-25 Student ID:22104188

Academic Year: 2024-25 Student Class / Branch: TE IT/B

Subject: Advanced Devops Lab (ADL) Name of Instructor: Prof. Manjusha K.

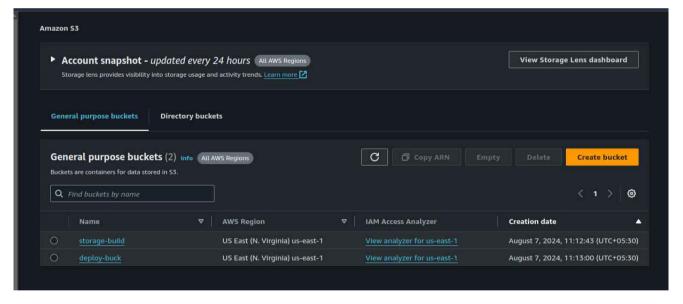
EXPERIMENT NO. 02

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.

Step1: Create a deployment environment

a. If you plan to use Amazon S3 as your source, you will retrieve the sample code from the AWS GitHub repository,

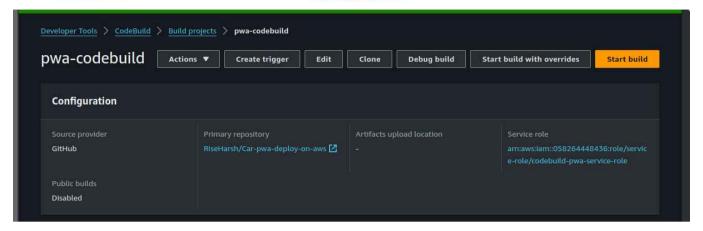
Create stoarge and deployment buckets on Amazon S3 bucket



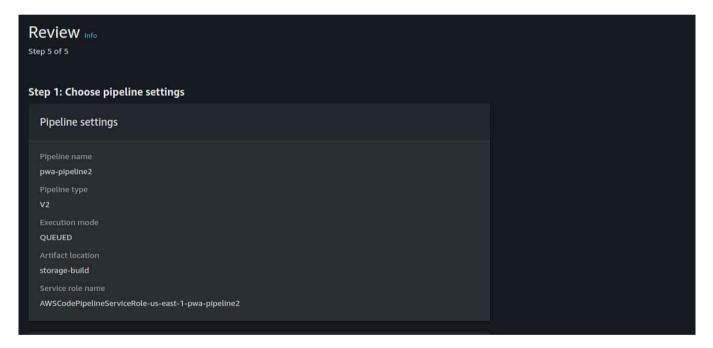
Create project on codebuild



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Create Pipeline and add build stage, deploy stage

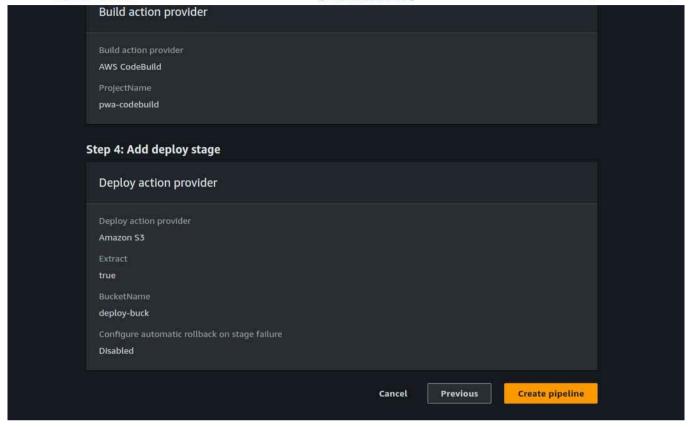




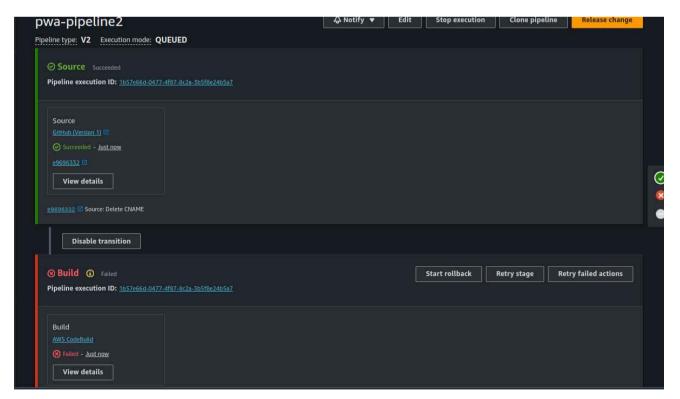
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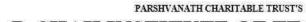
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On clicking Create Pipeline it will give error in build and deploy stage

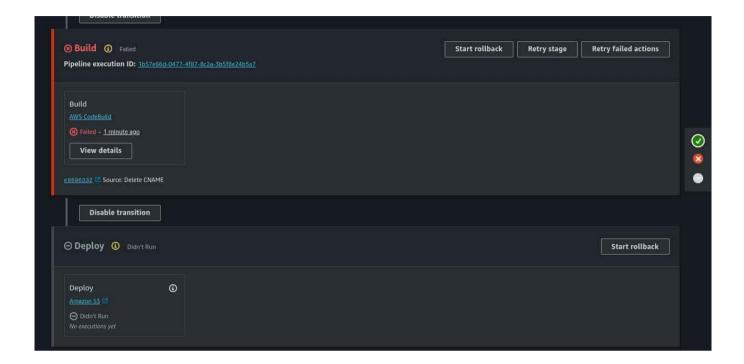




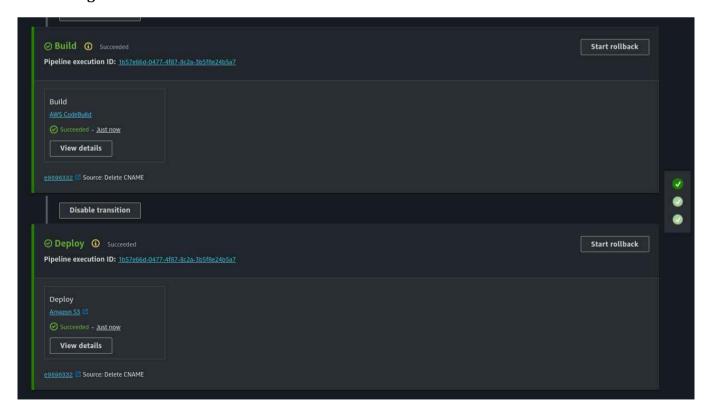


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After enabling the static website hosting on Deployment bucket the build stage and deploy stage error will get solved



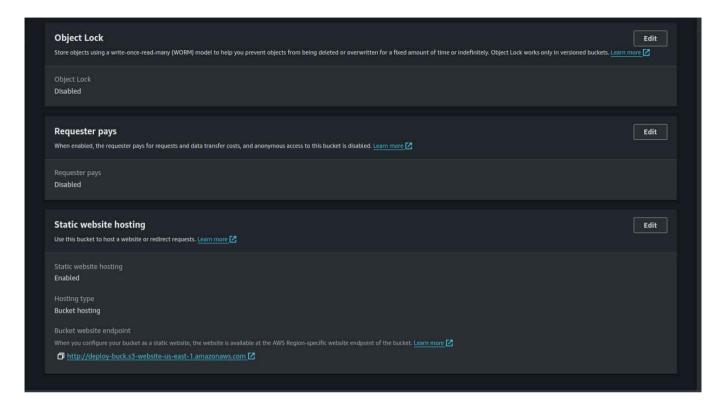




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On clicking the link given in Deployment bucket under Static Website Hosting it'll show us error due to permissions

403 Forbidden

- Code: AccessDenied
 Message: Access Denied
 Requestid: BØQZ5P0W31KM7PJQ
 Hostld: SWyXsjcJJ3ZkdvPD65xAKRZAYrTetVx8MRNbOvug1UVfuDDgQRR/GLulfmGaHzmkTq6eqJKVGm0=



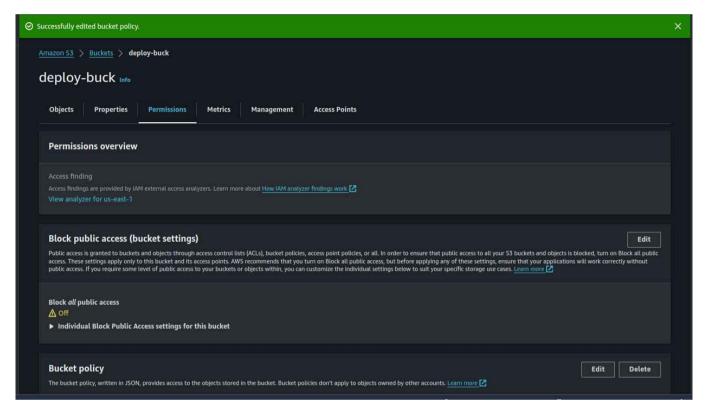


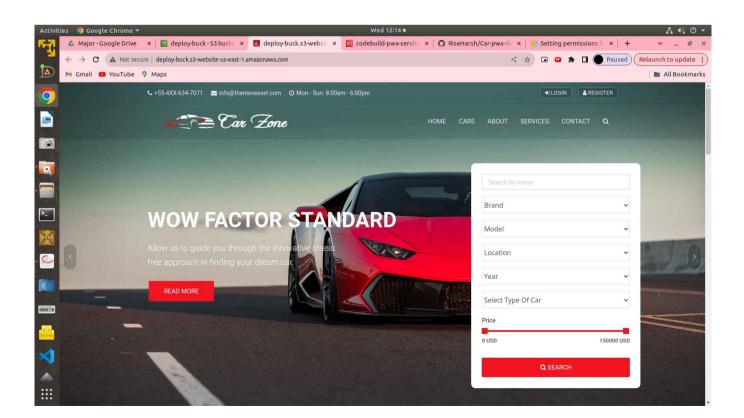
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After giving permission we get





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Conclusion: In this experiment we have deployed the projects on aws s3 bucket.