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(Approved by AICTE New Delhi & Govt. of Maharashtra, Affiliated to University of Mumbai)
(Religious Jain Minority)

# CCL Presentation

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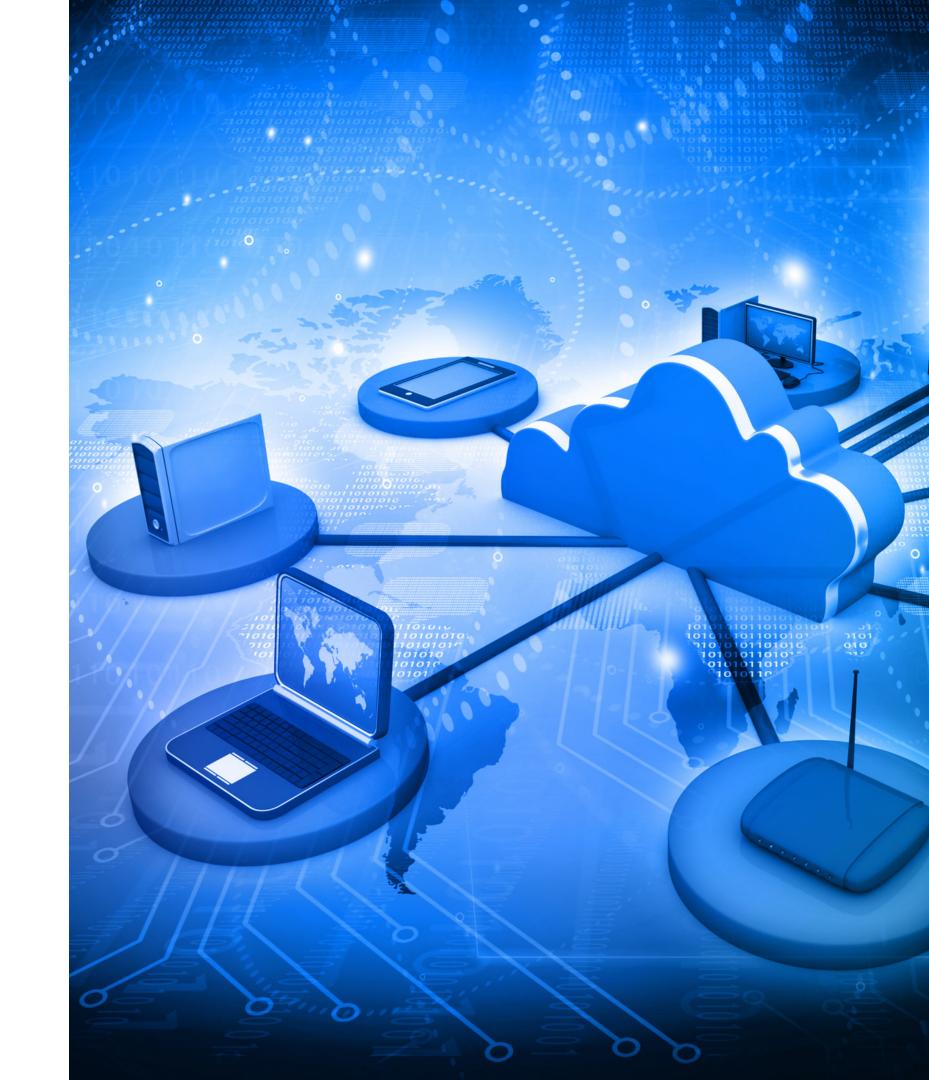
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## Introduction

The APSIT Community is a web application designed to facilitate collaboration and knowledge sharing among students and faculty members.

It has been developed using Next.js and MUI for the frontend, and Python and Flask for the backend.





# ProblemDefinition

The development of the APSIT Community application was not without its challenges.

The primary challenge was to host the application on the cloud and ensure that it is scalable, secure, and available to users 24x7.

Additionally, the application should be easy to deploy and maintain, even with a small team of developers.

# Description

The application has been deployed on AWS using various cloud services, making it scalable, secure, and easy to deploy and maintain.



### **Amplify**

Used to deploy the frontend application



### Beanstalk

Used to deploy the backend application



**S3** 

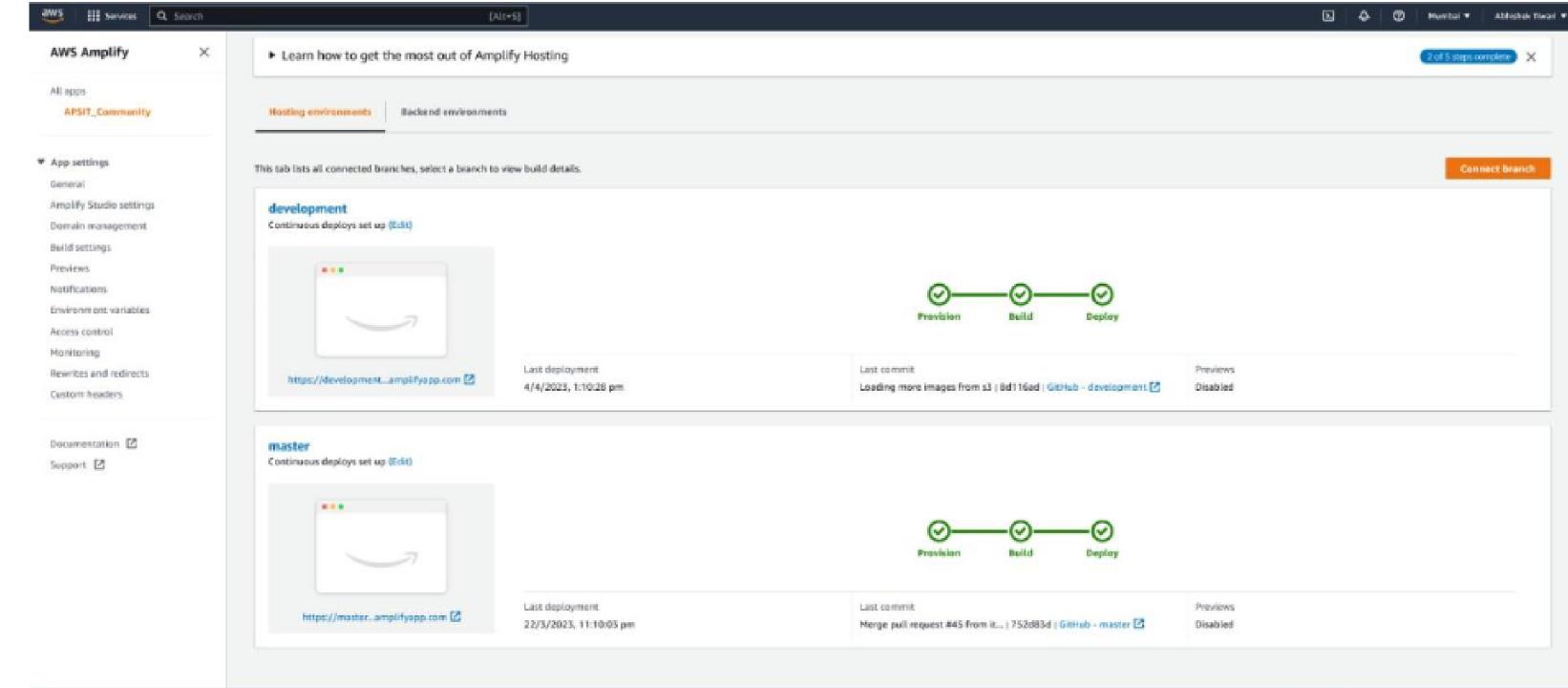
Used to store the static conten



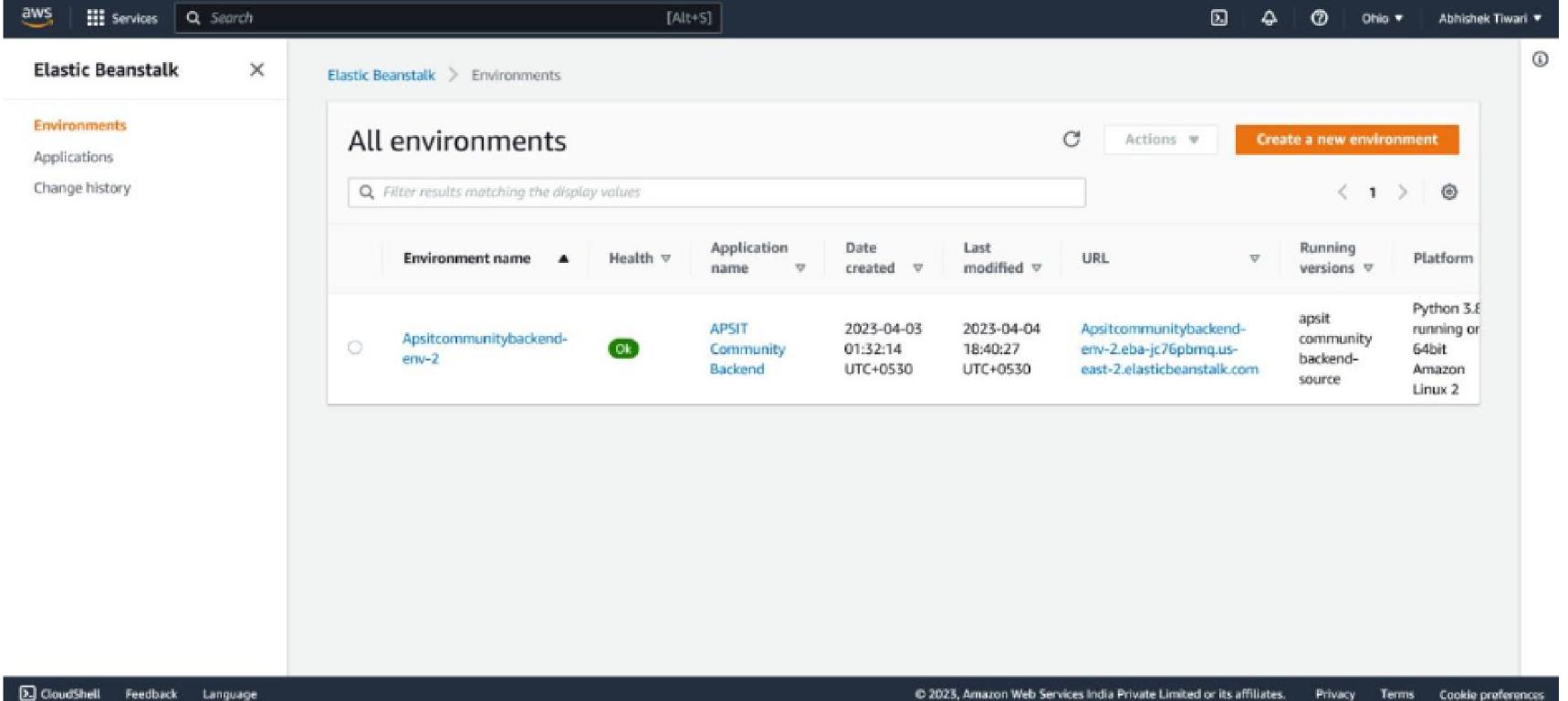
### IAM

Used to create different users with different policies

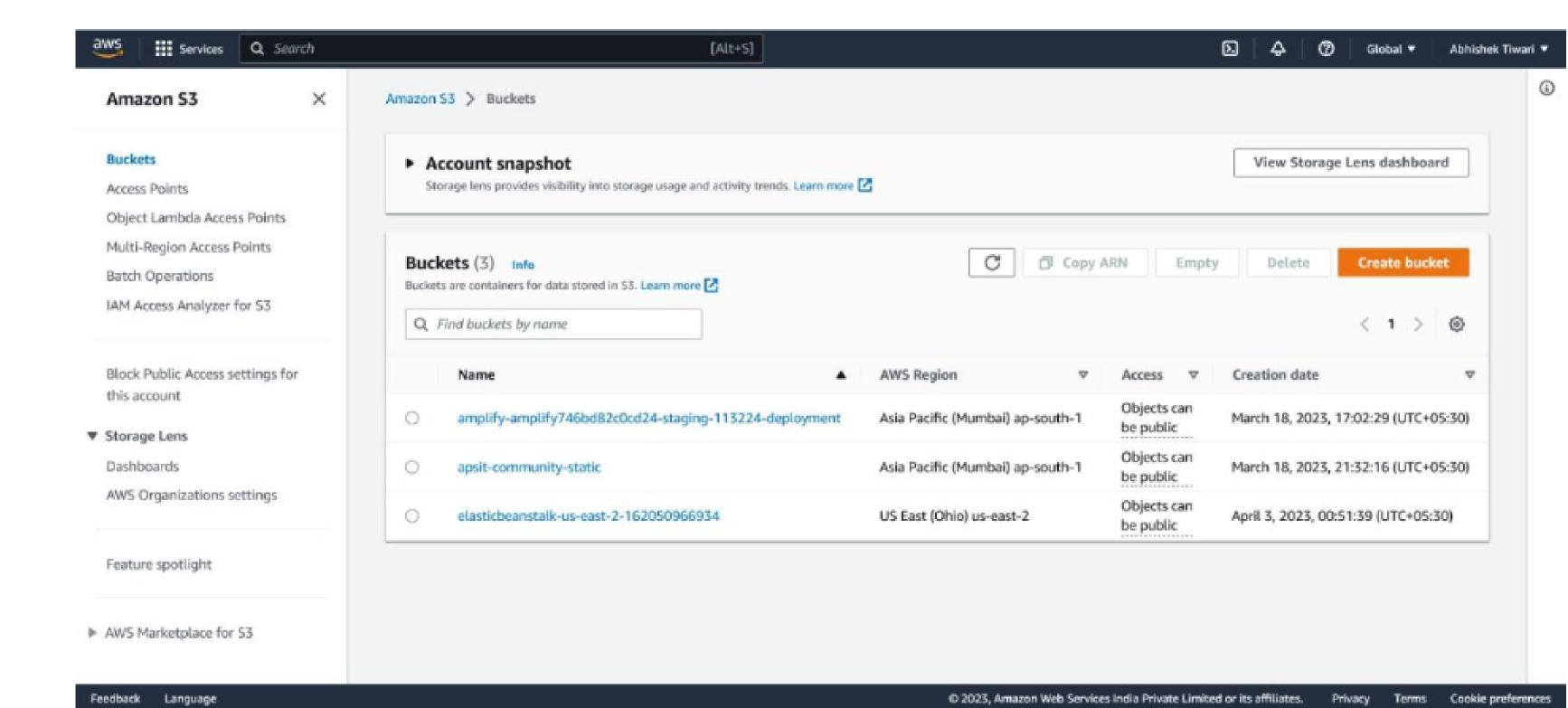
### AMPLIFY:



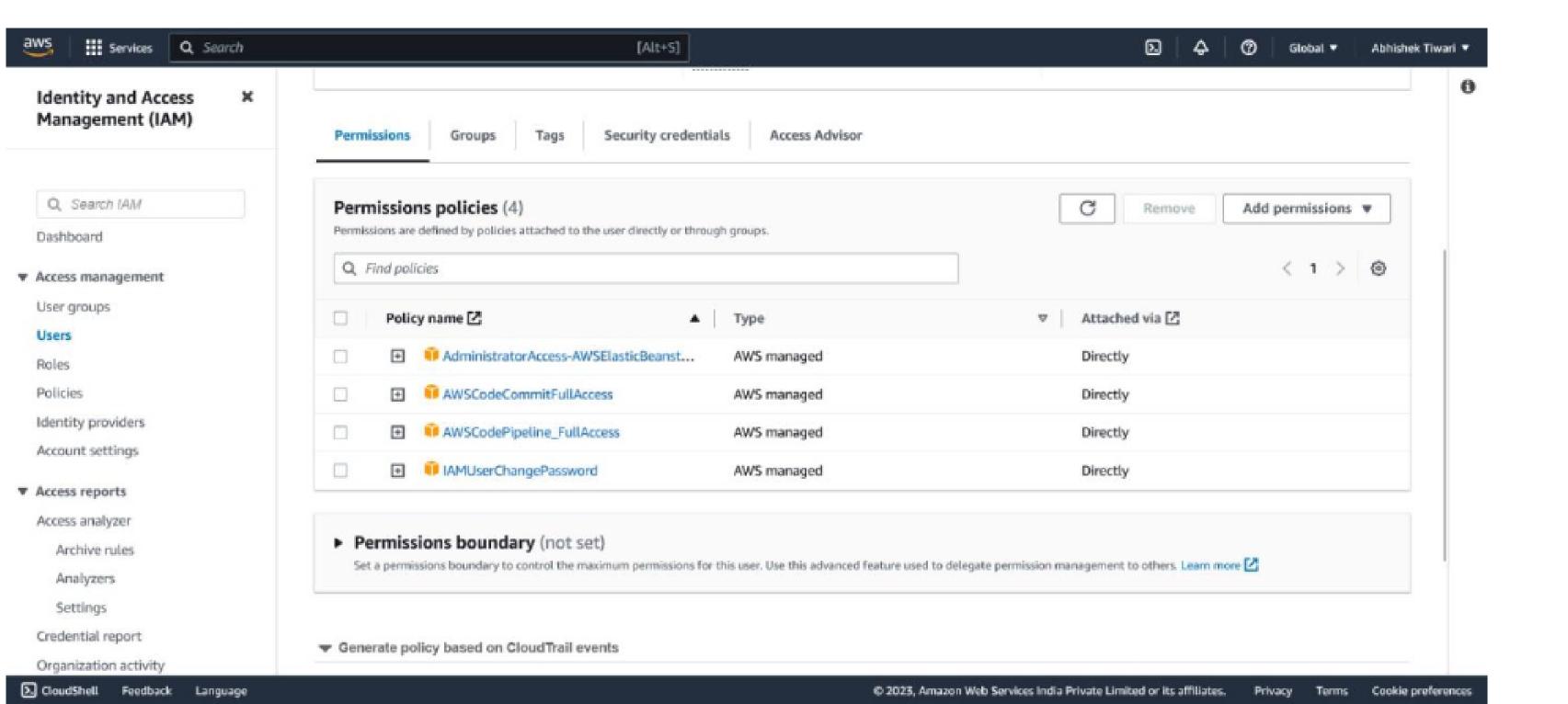
### **BEANSTALK:**



S3:

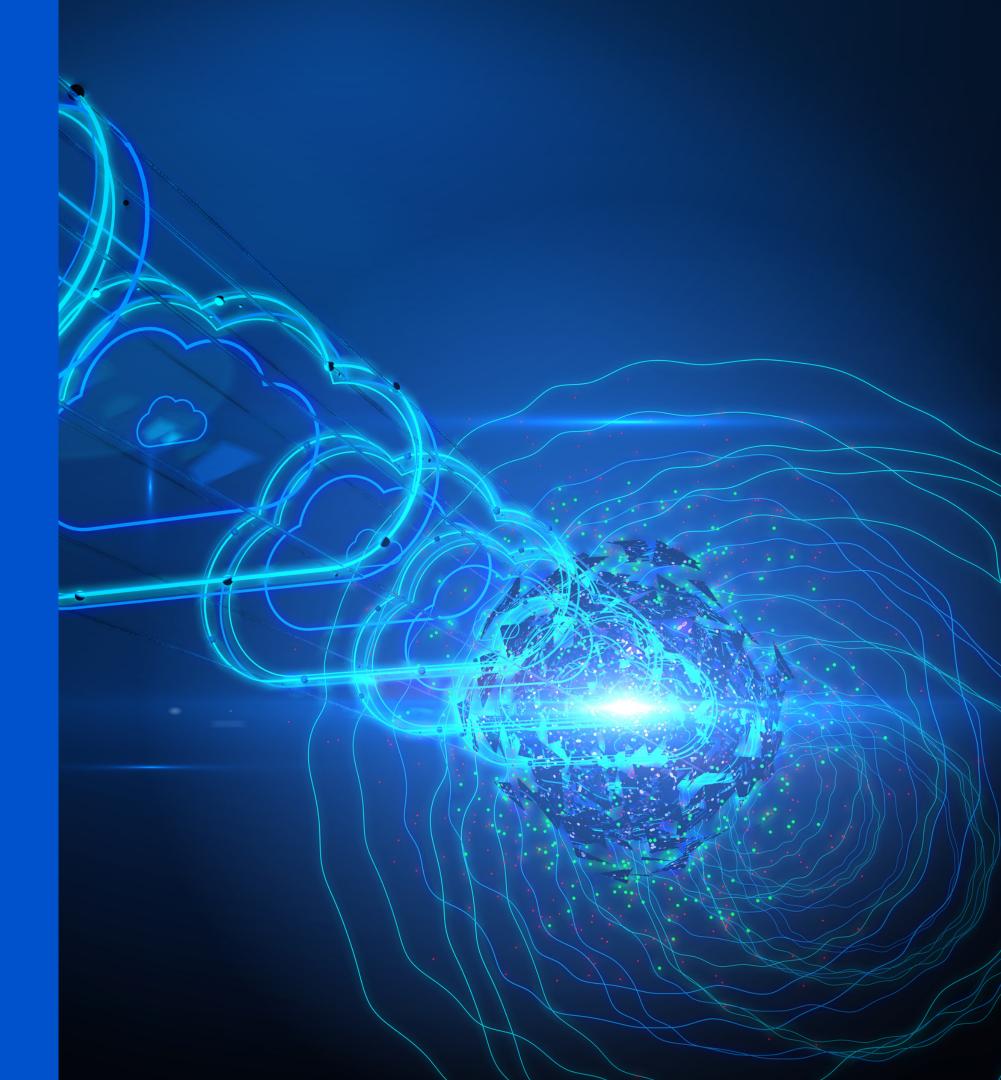


IAM:



# Outcomes

- Understanding the different cloud services available in AWS.
- Learning to deploy an application in the cloud.
- Knowledge of DevOps practices.
- Familiarity with AWS console and CLI.



# Thank You