

1). Heroku Deployment

- First install Heroku cli as per your system compatibility:
<https://devcenter.heroku.com/articles/heroku-cli>
- Create a heroku account.
- Will push our project in github.
- Create a new repository in github. Open your cmd, be in your project folder first then run the below commands:
 - git init
 - git add .
 - git commit -m "first commit"
 - git branch -M main
 - git remote add origin 'your own .git' file (like this git remote add origin <https://github.com/vikash130795/era.git>)
 - git push -u origin main

In last command, it'll ask for token.

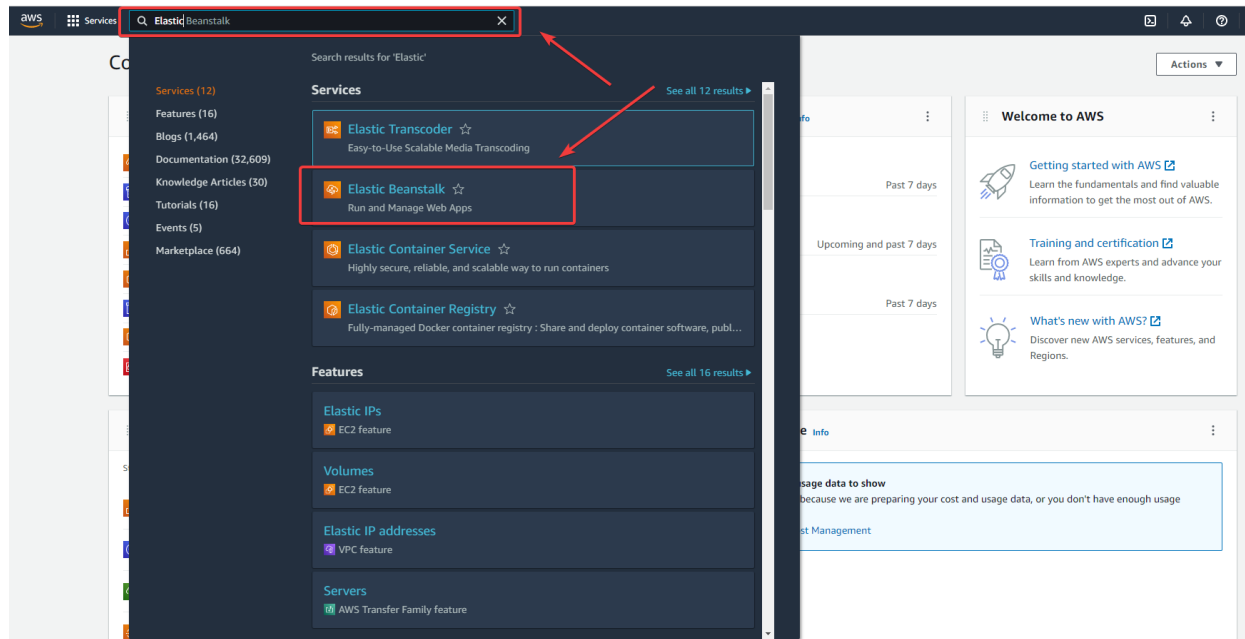
- On right-hand side at the top, you'll get your profile in which you'll get 'Settings' option.
- After clicking on 'Settings', it will redirect us to next page. On the left-hand side at bottom 'Developer settings' is there.
- Then, select 'Personal access tokens' in which you can 'Generate new token'.

- Place the generated token in the last command option, your project would be pushed in your github repository.
- Check in your cmd heroku is installed or not by this command, 'heroku'.
- If its available then, do login in heroku using this command 'heroku login'.
- Be in your project folder and run this command 'heroku git:remote -a <your appname>'
- Then, push your code with this command 'git push heroku master'
- Now, your app is successfully deployed in heroku.

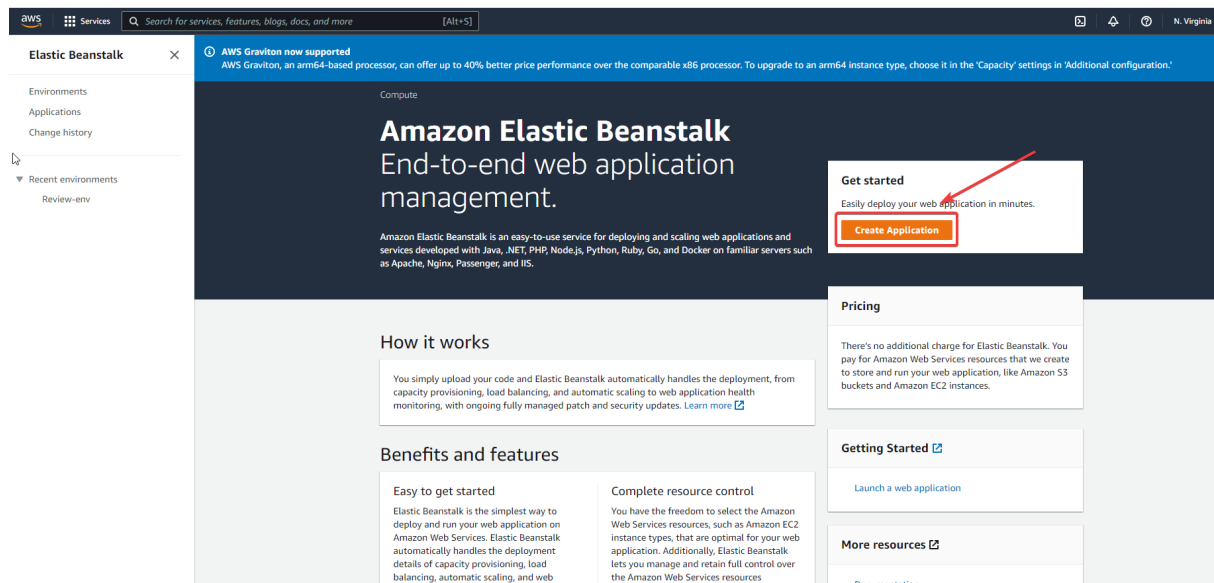
2). AWS

Search for the 'AWS console' in google, and select the first link, then do sign up first.

Then look for the 'Elastic Beanstalk' service



Select 'Elastic Beanstalk', it'll redirect you to the next page. Then, select 'Create Application'.



Fill the required details in there, like 'Application name', 'Platform', choose Python 3.7 here. At last, we can 'Create application'.

aws Services Search for services, features, blogs, docs, and more [Alt+S]

Elastic Beanstalk ×

Environments
Applications
Change history

Recent environments
Review-env

Elastic Beanstalk > Getting started

Create a web app

Create a new application and environment with a sample application or your own code. By creating an environment, you allow Amazon Elastic Beanstalk to manage Amazon Web Services resources and permissions on your behalf. [Learn more](#)

Application information

Application name

Awsreview

Up to 100 Unicode characters, not including forward slash (/).

Application tags

Apply up to 50 tags. You can use tags to group and filter your resources. A tag is a key-value pair. The key must be unique within the resource and is case-sensitive. [Learn more](#)

Key	Value	
		Remove tag

Add tag

50 remaining

Platform

Platform

Python

Platform branch

Python 3.7 running on 64bit Amazon Linux 2

Platform version

3.3.12 (Recommended)

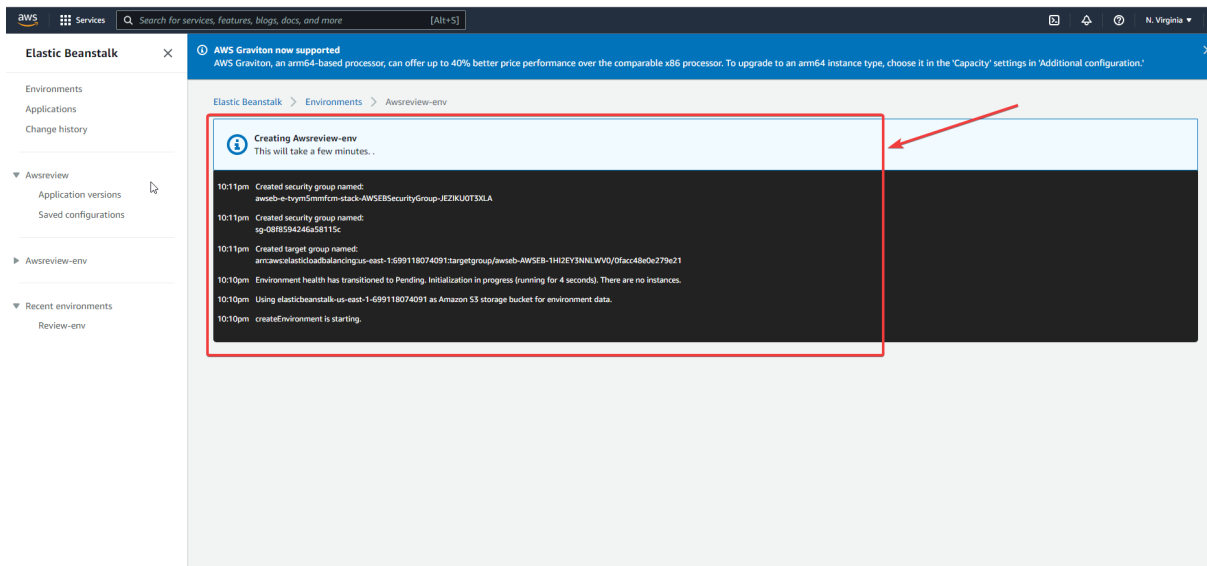
Application code

☒ Sample application
Get started right away with sample code.

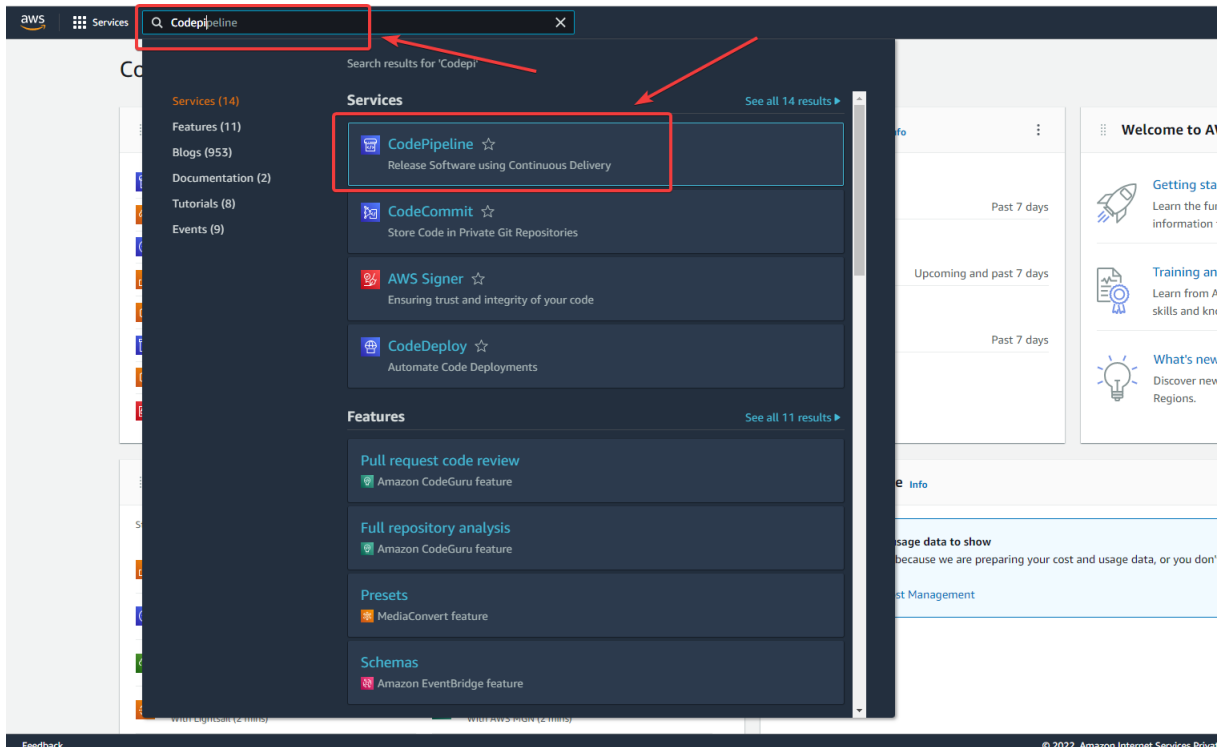
☐ Upload your code
Upload a source bundle from your computer or copy one from Amazon S3.

Cancel Configure more options Create application

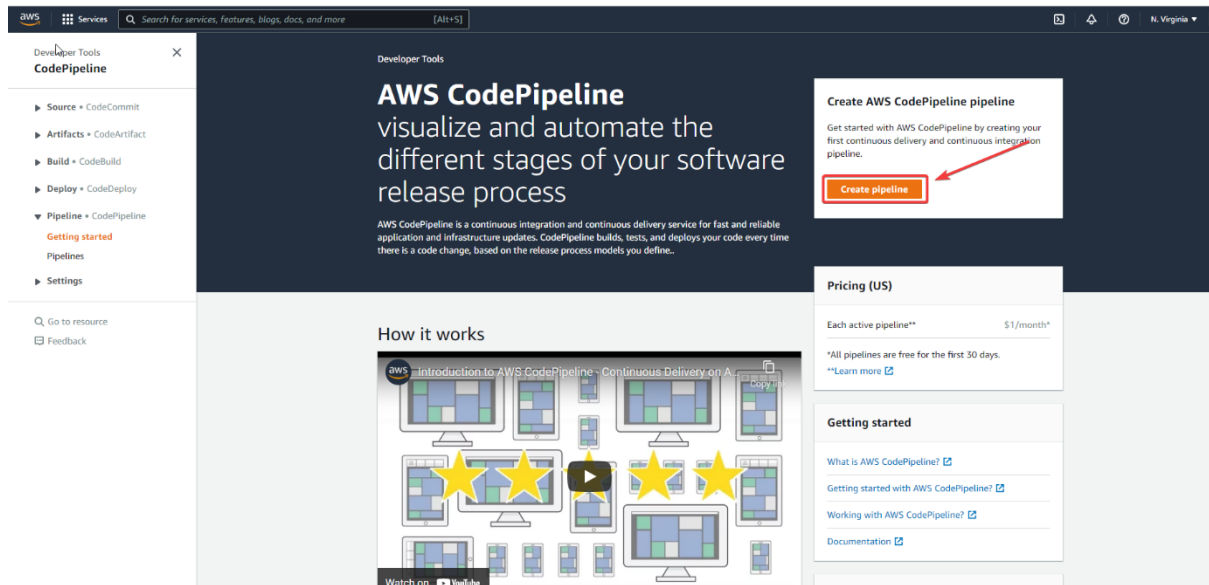
After that, it'll start creating a new environment.



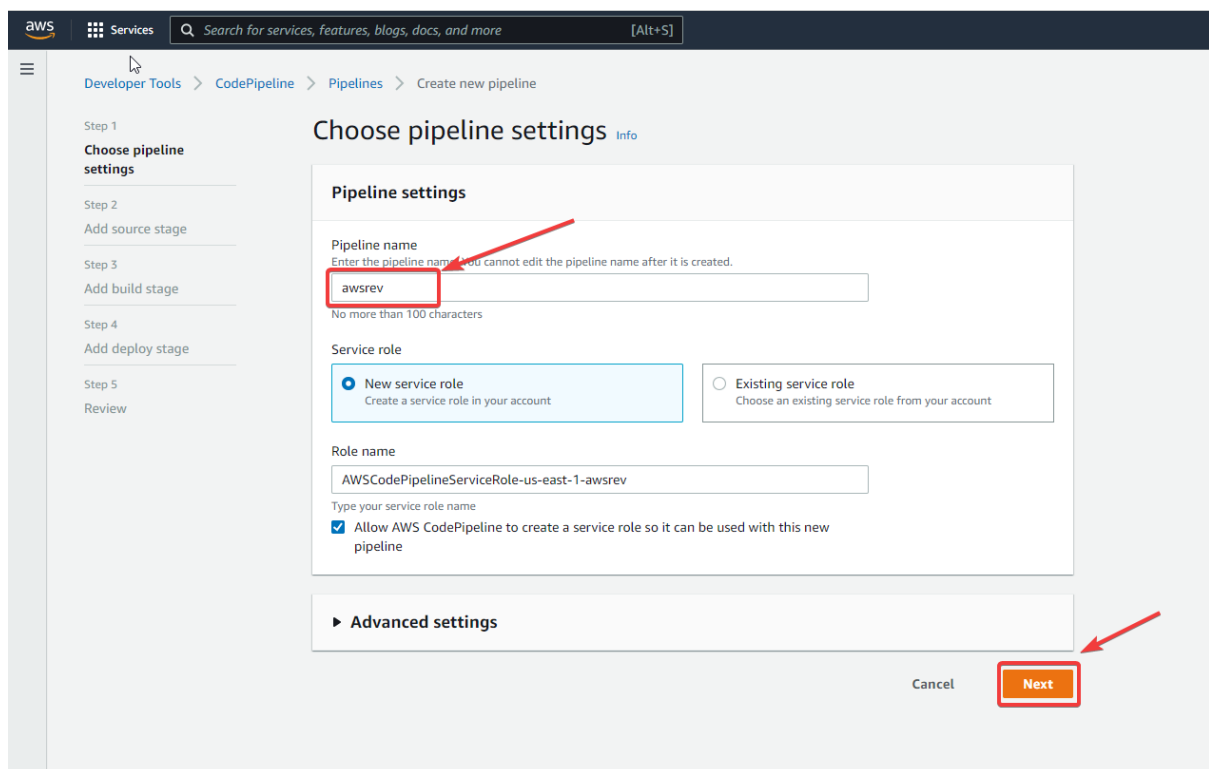
Let it be completed, will now create a pipeline. Open a new tab and search for 'Code Pipeline' service in AWS console.



Now, create a pipeline with 'Create pipeline'



Pick your pipeline name in here like I have given 'awsrev'. Then click on 'Next'



In the next step, Select 'GitHub (Version 2)', then select 'Connect to Github', one pop-up will open in which, you have to add your 'Connection name' and then connect your github.

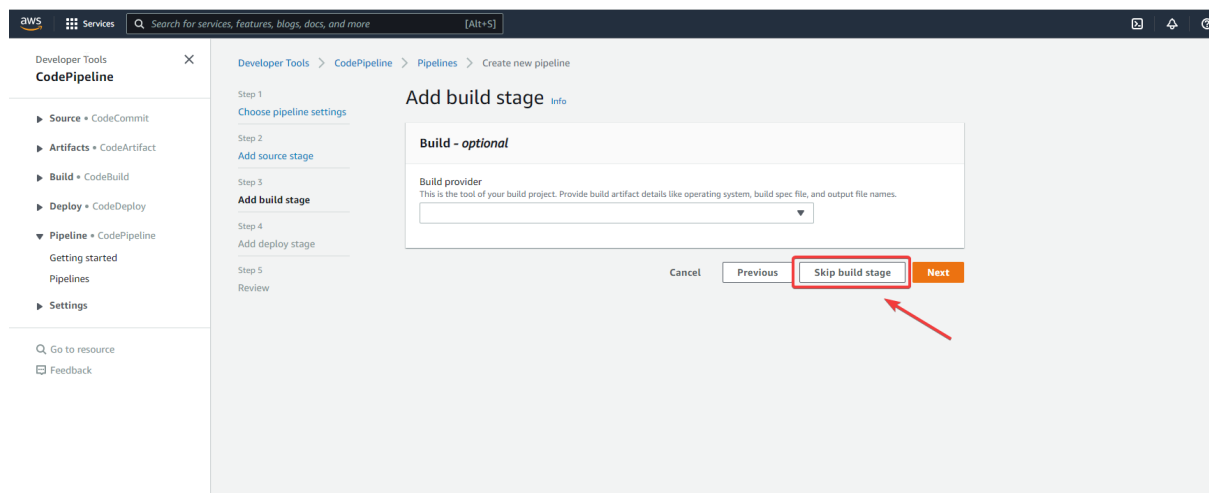
The screenshot shows the AWS CodePipeline console with the 'Add source stage' configuration for GitHub (Version 2). The interface includes a left sidebar with navigation options like 'Source', 'Artifacts', 'Build', 'Deploy', and 'Pipeline'. The main content area is titled 'Add source stage' and contains several sections:

- Source provider:** A dropdown menu showing 'GitHub (Version 2)'.
- New GitHub version 2 (app-based) action:** A blue box with an information icon and text explaining that a connection is required.
- Connection:** A text input field showing 'arn:aws:codestar-connections:us-east-1:699118074091:connection/c7f1631:...' and a 'Connect to GitHub' button.
- Ready to connect:** A green box with a checkmark and text stating 'Your GitHub connection is ready for use.'
- Repository name:** A text input field showing 'vikash130795/Scrapper'.
- Branch name:** A text input field showing 'main'.
- Change detection options:** A checkbox labeled 'Start the pipeline on source code change' which is checked.
- Output artifact format:** Two radio buttons: 'CodePipeline default' (selected) and 'Full clone'.

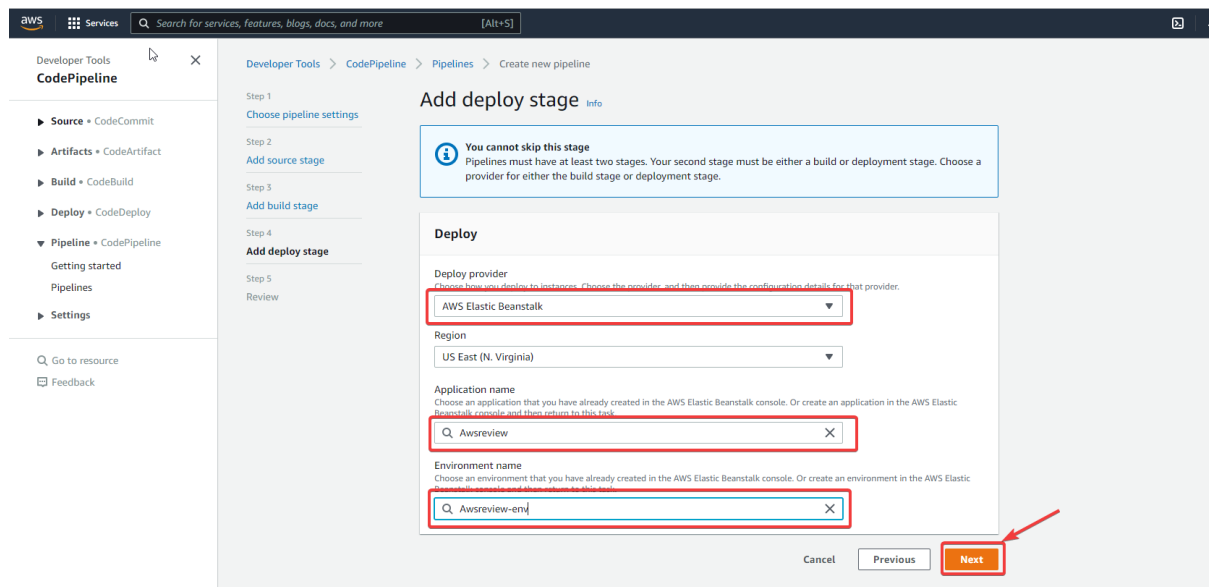
Red arrows point to the 'GitHub (Version 2)' dropdown, the 'Connect to GitHub' button, the 'Repository name' field, the 'Branch name' field, and the 'Next' button at the bottom right.

Then, click on 'Next' for next steps.

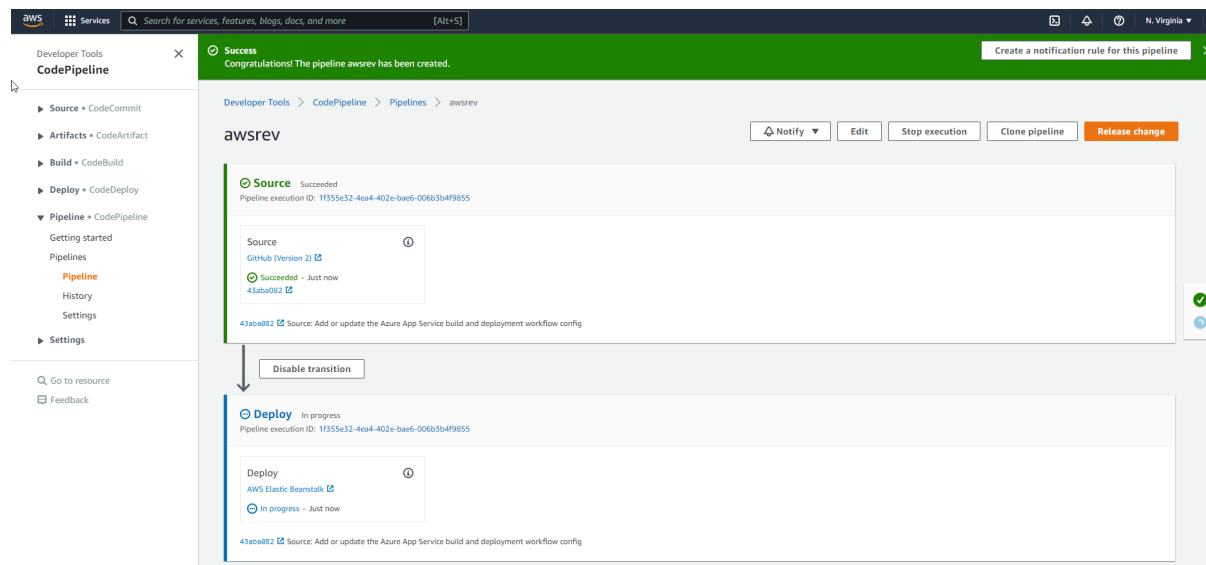
We need to skip this Build stage.



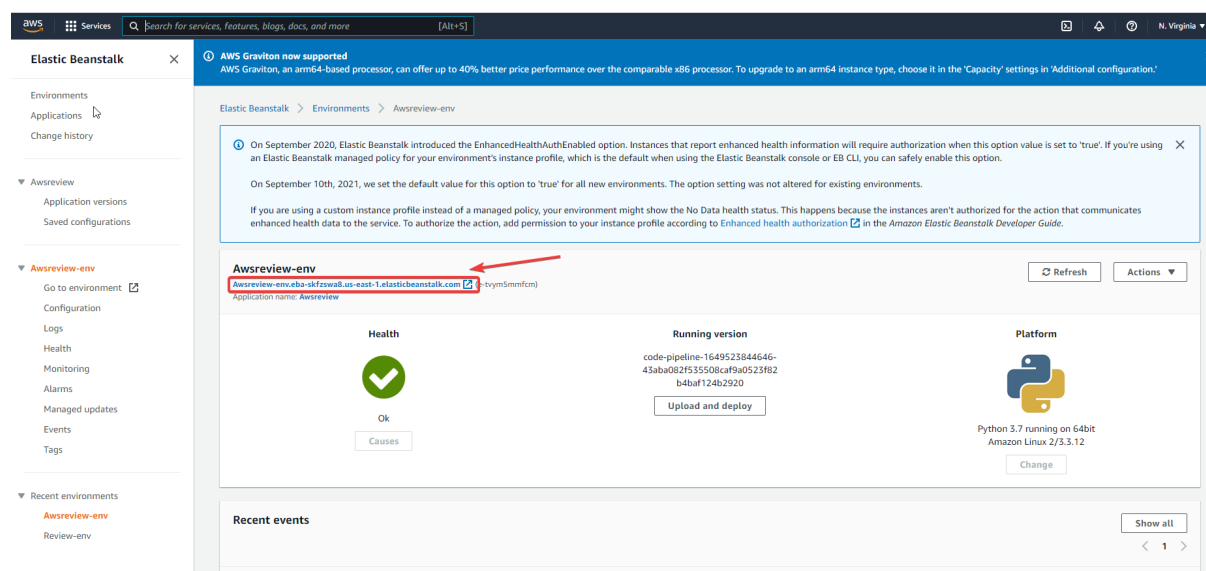
In this step, we need to select the 'Deploy provider' as 'AWS Elastic Beanstalk' and then add 'Application name' which we had created in Elastic beanstalk. Now, move for the 'Next' step.



In the next step, it'll review it and start deploying your app.



Now, move to your “Elastic Beanstalk” select your app name and select the link for checking your app is deployed or not.

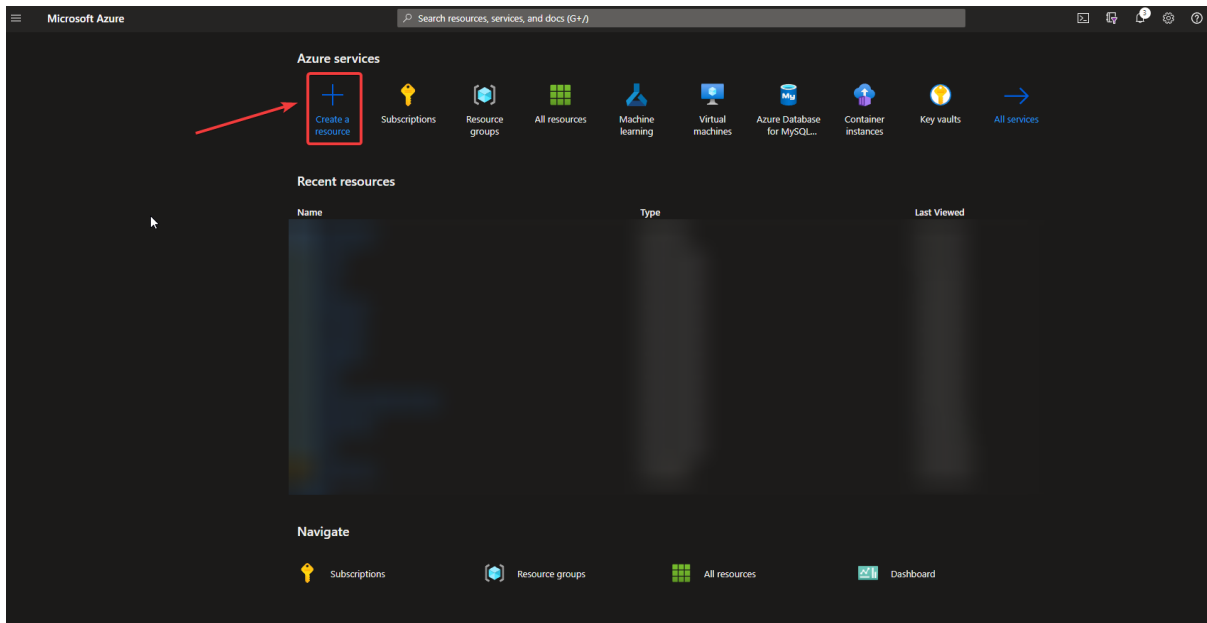


REVIEWS				
Product	Name	Rating	Comment Heading	Comments
samsung	Flipkart Customer	4	Good choice	Best Samsung phone in this price range. Good battery back up. Decent Display Fast fingerprint sensor. Rear camera quality is good. front camera is not up to the mark. 90 Hz refresh rate is good. Good user interface updated to one ui 3.1 there are some pre installed apps which can only be disabled sound quality is low comparing with other smartphones in same price segment using in low screen bigness noticed screen flickering. There is no screen protector or case in the box. Takes 160 minutes for ful...
samsung	Ashutosh Ojha	4	Good choice	Amazing smartphone. Camera , battery back up , display , are awesome 🤩. It has a little bit heating problem but not at all . Amazing smartphone for students becoz I'm using as a student. 🤔🤔 It is heavy also , this is a bad point for this smartphone. But all good . ND I'm satisfied . Delivery was also good 🙌 Thanks flipkart. 🤗
samsung	Sanjeeb Ranasingh	5	Excellent	This smartphone is very good in camera and battery And value for money from Samsung with clean and smooth Ui and good battery

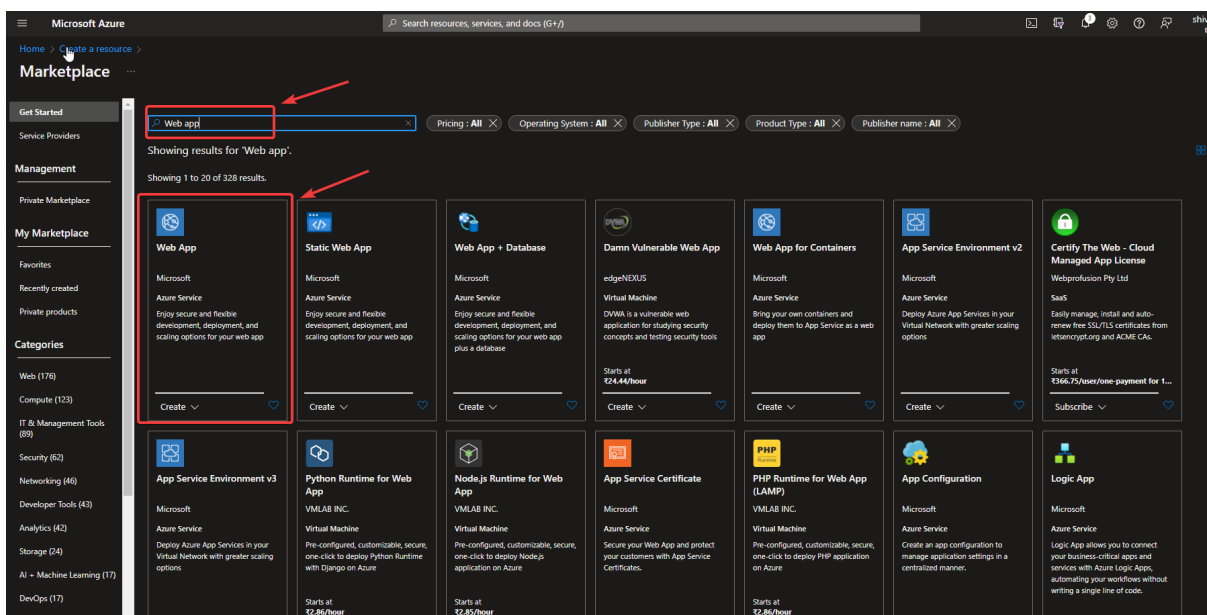
It's working perfectly fine in here.

3). Azure

Search for 'Azure portal' in google, then select the second link and do 'sign in'. You'll get the below interface. We need to select the 'Create a resource' option.



Now, search for the 'Web app' here.



Next, add the required details here. Then, select 'Review+create'.

Microsoft Azure

Search resources, services, and docs (G+/)

Home > Create a resource > Marketplace > Web App >

Create Web App

Basics Deployment Networking (preview) Monitoring Tags Review + create

App Service Web Apps lets you quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on any platform. Meet rigorous performance, scalability, security and compliance requirements while using a fully managed platform to perform infrastructure maintenance. [Learn more](#)

Project Details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription *

Resource Group * [Create new](#)

Instance Details

Need a database? [Try the new Web + Database experience.](#)

Name * .azurewebsites.net

Publish * ☒ Code ☐ Docker Container ☐ Static Web App

Runtime stack *

Operating System * ☒ Linux ☐ Windows

Region *
 [Not finding your App Service Plan? Try a different region or select your App Service Environment.](#)

App Service Plan

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app. [Learn more](#)

Linux Plan (Central US) *

[Review + create](#) [Previous](#) [Next - Deployment >](#)

Then, choose the 'Create' option here

The screenshot shows the Microsoft Azure portal interface for creating a new Web App. The breadcrumb trail indicates the path: Home > Create a resource > Marketplace > Web App. The main heading is 'Create Web App'. Below this, there are tabs for 'Basics', 'Deployment', 'Networking (preview)', 'Monitoring', 'Tags', and 'Review + create'. The 'Review + create' tab is currently selected. The 'Summary' section shows the 'Web App by Microsoft' icon. The 'Details' section lists the following information:

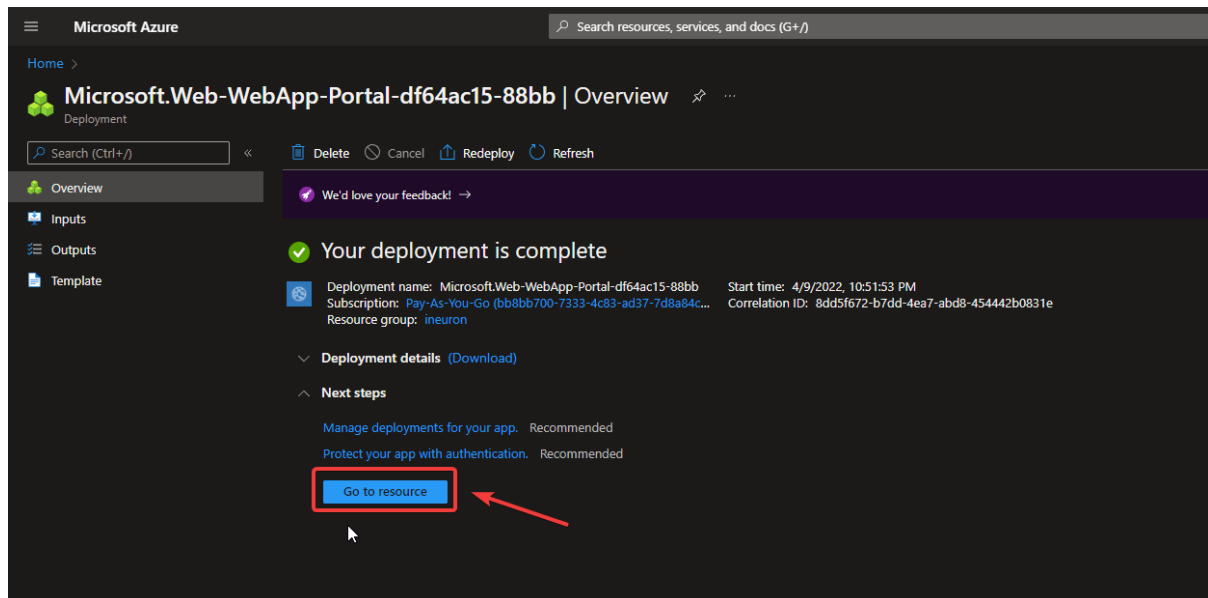
Property	Value
Subscription	bb8bb700-7333-4c83-ad37-7d8a84c69071
Resource Group	ineuron
Name	reviewazure123
Publish	Code
Runtime stack	Python 3.7

The 'App Service Plan' section lists the following information:

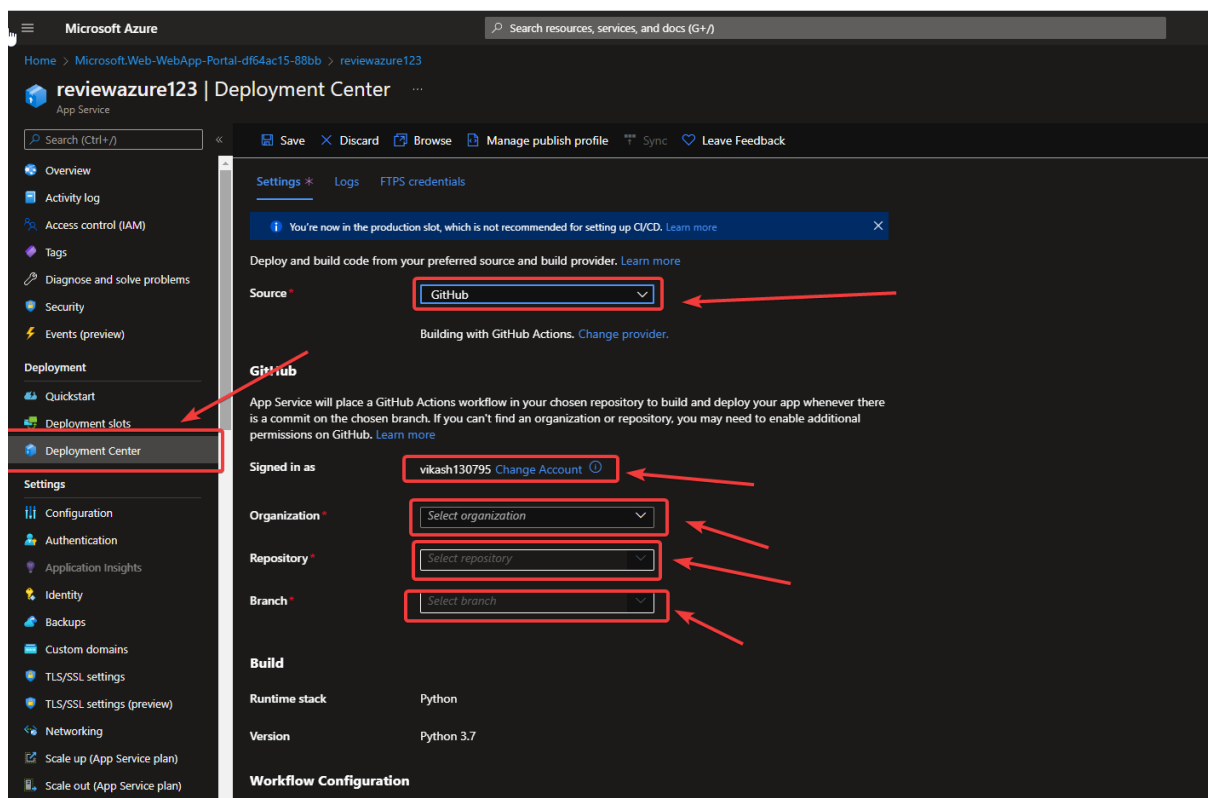
Property	Value
Name	ASP-ineuron-b787
Operating System	Linux
Region	Central US
SKU	Premium V2
Size	Small
ACU	210 total ACU
Memory	3.5 GB memory

The 'Monitoring' section shows 'Application Insights' as 'Not enabled'. The 'Deployment' section shows 'Continuous deployment' as 'Not enabled / Set up after app creation'. At the bottom, there are three buttons: 'Create', '< Previous', and 'Next >'. The 'Create' button is highlighted with a red box and a red arrow points to it from the 'Deployment' section. To the right of the buttons is a link: 'Download a template for automation'.

It'll start deploying your app. If it is done, it'll show 'Go to resource' option.

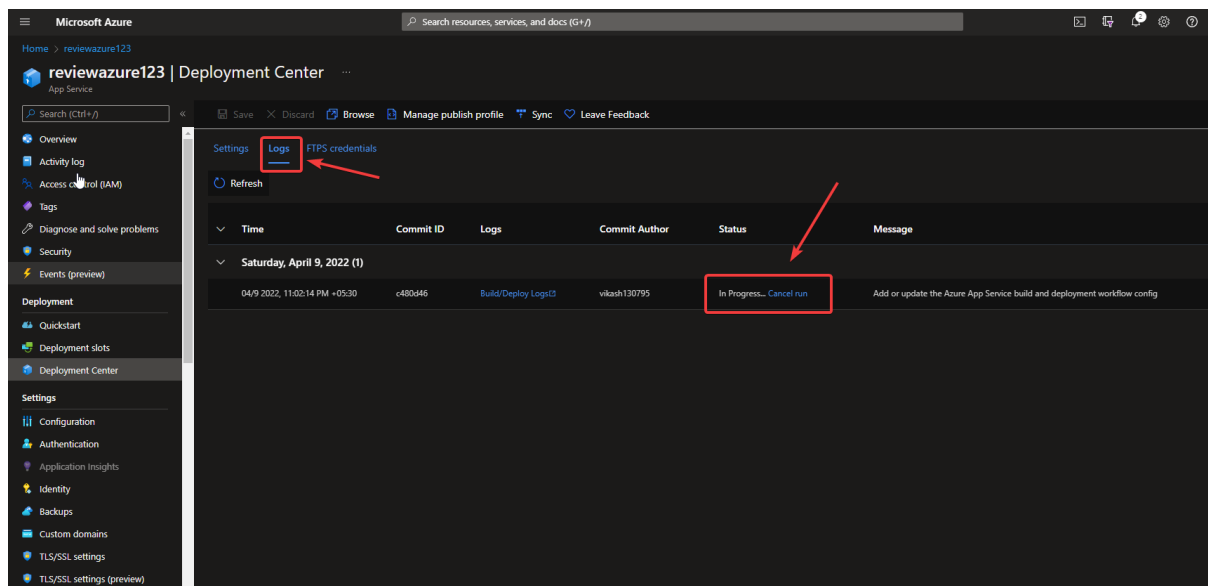


On the left-hand side, you'll get the option 'Deployment Center'.

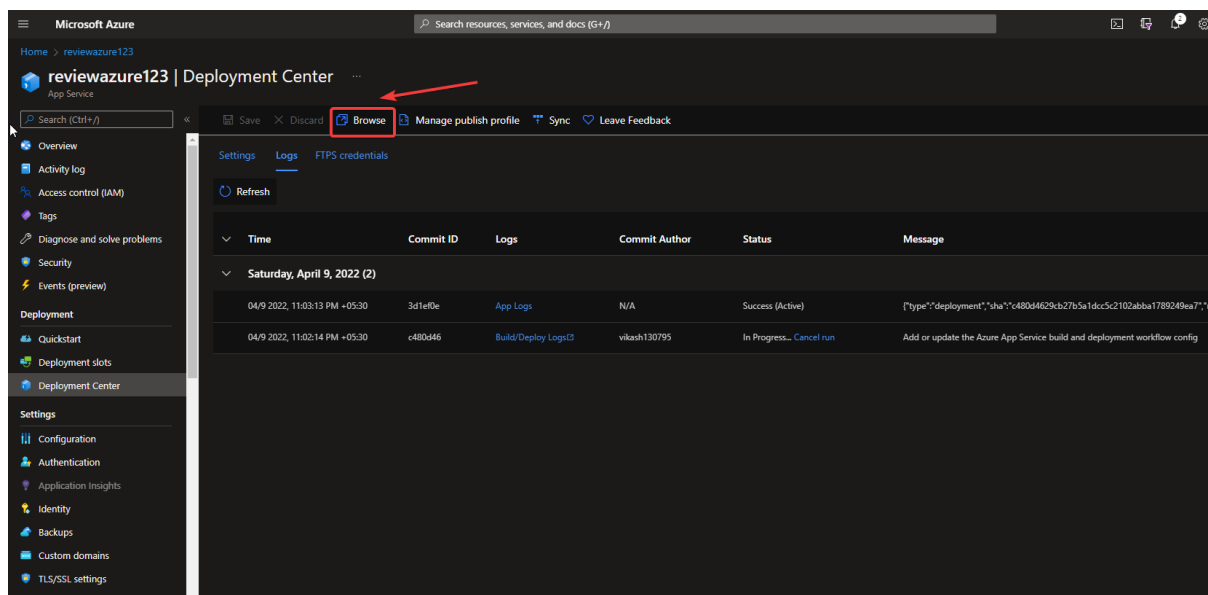


Select 'GitHub' in 'Source' option and add your github here. Then select your github repository and 'Save' it. It'll start deploying your app.

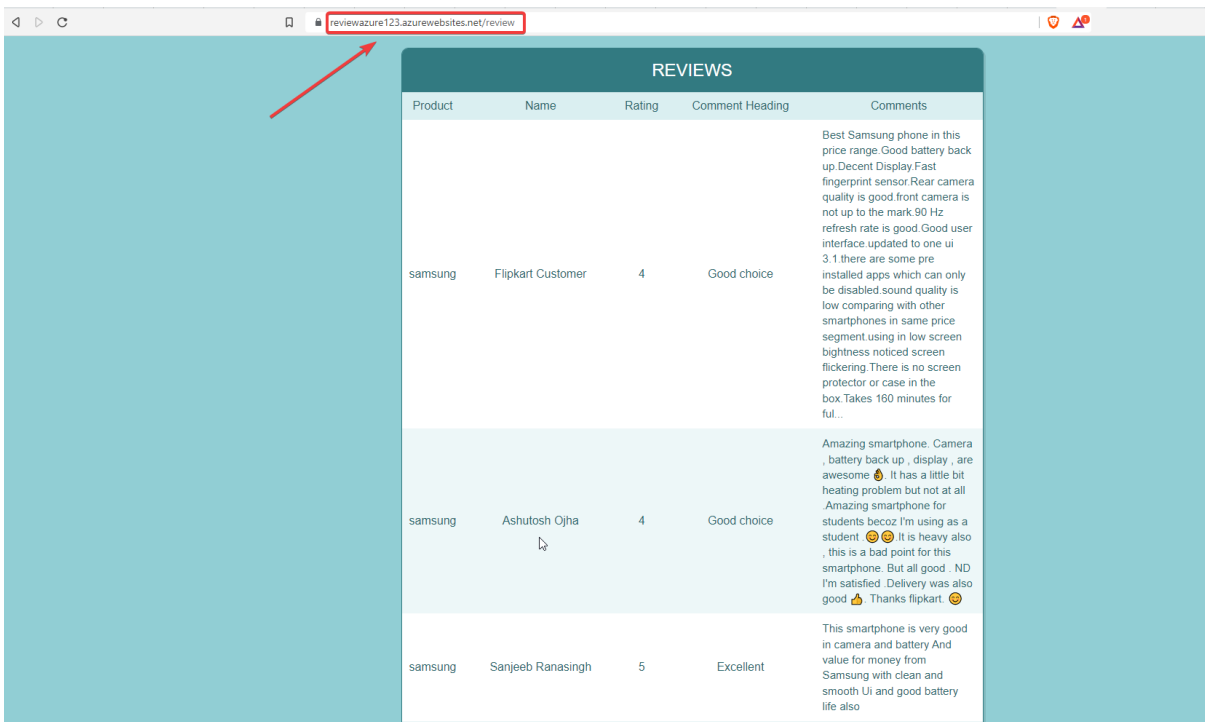
Check-in your 'Logs', your app is in progress.



If deployment is done, you can browse your app through the 'Browse' button.



It was successfully deployed, check the below screenshot.



The screenshot shows a web browser window with the address bar displaying `reviewazure123.azurewebsites.net/review`. A red arrow points to this address bar. The main content area displays a table titled "REVIEWS" with the following data:

Product	Name	Rating	Comment Heading	Comments
samsung	Flipkart Customer	4	Good choice	Best Samsung phone in this price range.Good battery back up.Decent Display.Fast fingerprint sensor.Rear camera quality is good front camera is not up to the mark.90 Hz refresh rate is good.Good user interface updated to one ui 3.1.there are some pre installed apps which can only be disabled.sound quality is low comparing with other smartphones in same price segment.using in low screen brightness noticed screen flickering.There is no screen protector or case in the box.Takes 160 minutes for ful...
samsung	Ashutosh Ojha	4	Good choice	Amazing smartphone. Camera , battery back up , display , are awesome 🤩 It has a little bit heating problem but not at all .Amazing smartphone for students becoz I'm using as a student 🤔🤔 It is heavy also , this is a bad point for this smartphone. But all good . ND I'm satisfied .Delivery was also good 🙌 Thanks flipkart. 🤗
samsung	Sanjeeb Ranasingh	5	Excellent	This smartphone is very good in camera and battery And value for money from Samsung with clean and smooth Ui and good battery life also