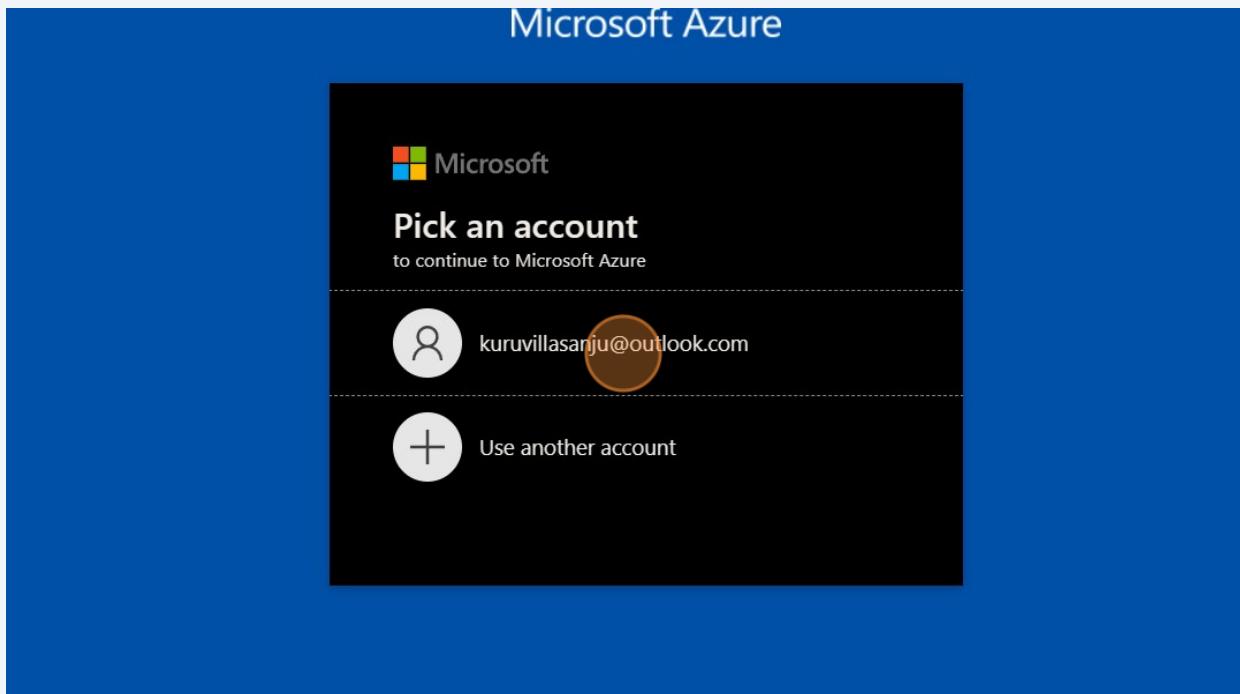


# Azure Static Web App Deployment Guide

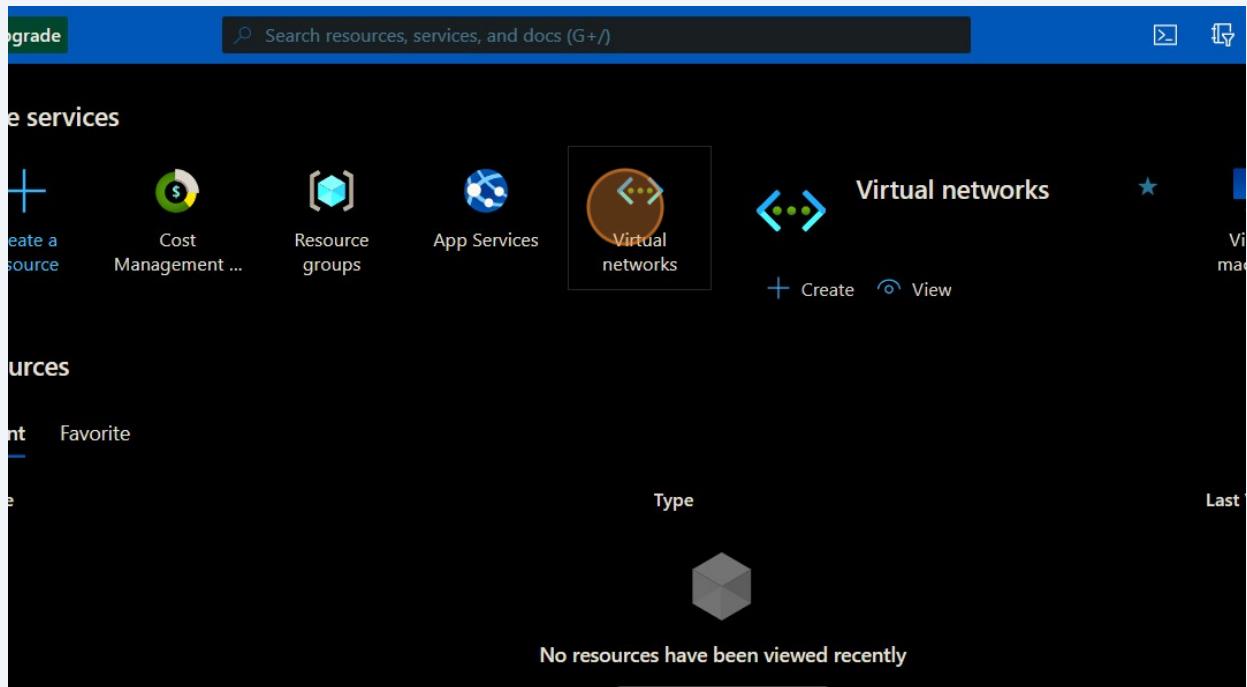
Scribe<sup>®</sup>

- 1 Navigate to "portal.azure.com"

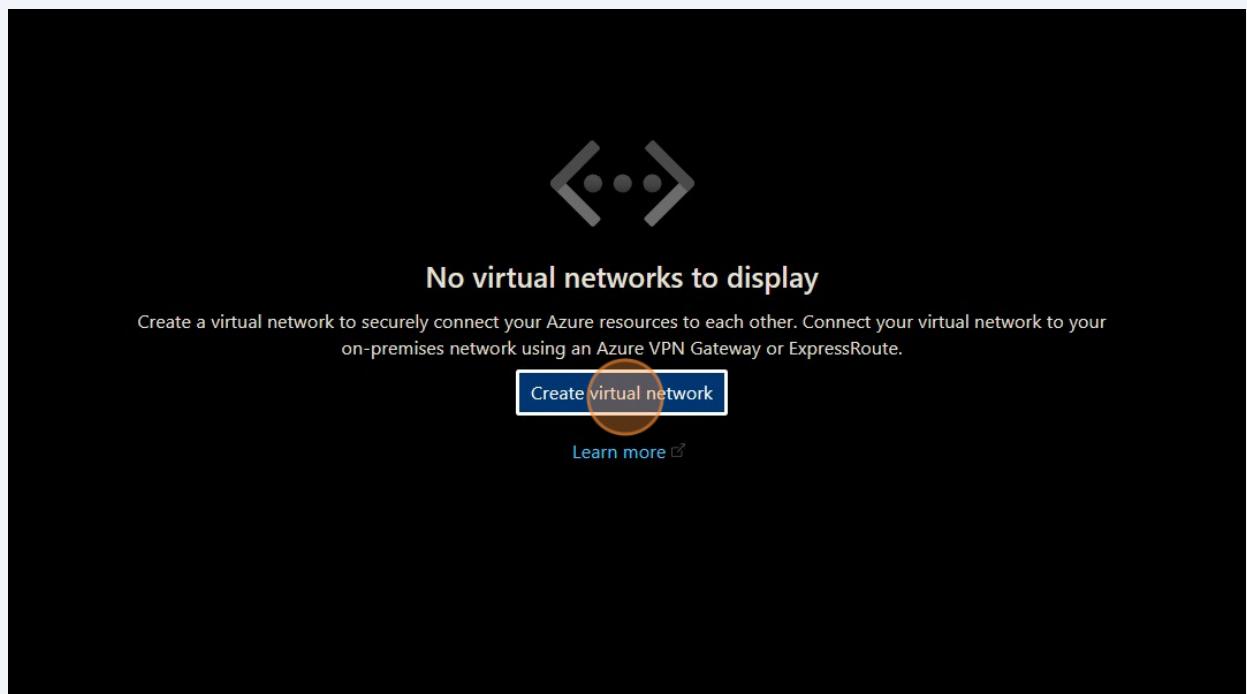
- 2 Log in to the Azure Portal.



**3** Navigate to the Azure VNet service.



**4** Click on "Create a Virtual Network".



5

[[Resource group: [Create a new or select an existing resource group]]]

works. VNet is similar to a traditional network that you'd operate in your own data center, but brings with it additional benefits of Azure's infrastructure such as scale, availability, and isolation.

[Learn more.](#)

#### Project details

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

Subscription \*

Free Trial

Resource group \*

Select existing item...

Create new



#### Instance details

Virtual network name \*

Region \* ⓘ

(Asia Pacific) Central India

[Deploy to an edge zone](#)

6

[[Name: [Enter name for your VNet]]]

#### Project details

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

Subscription \*

Free Trial

Resource group \*

(New) sanju

[Create new](#)

#### Instance details

Virtual network name \*



Region \* ⓘ

(Asia Pacific) Central India

[Deploy to an edge zone](#)



Next

Review + create

7

## Choose the region where you want to deploy your VNet

Manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription: Free Trial

Resource Group: (New) sanju

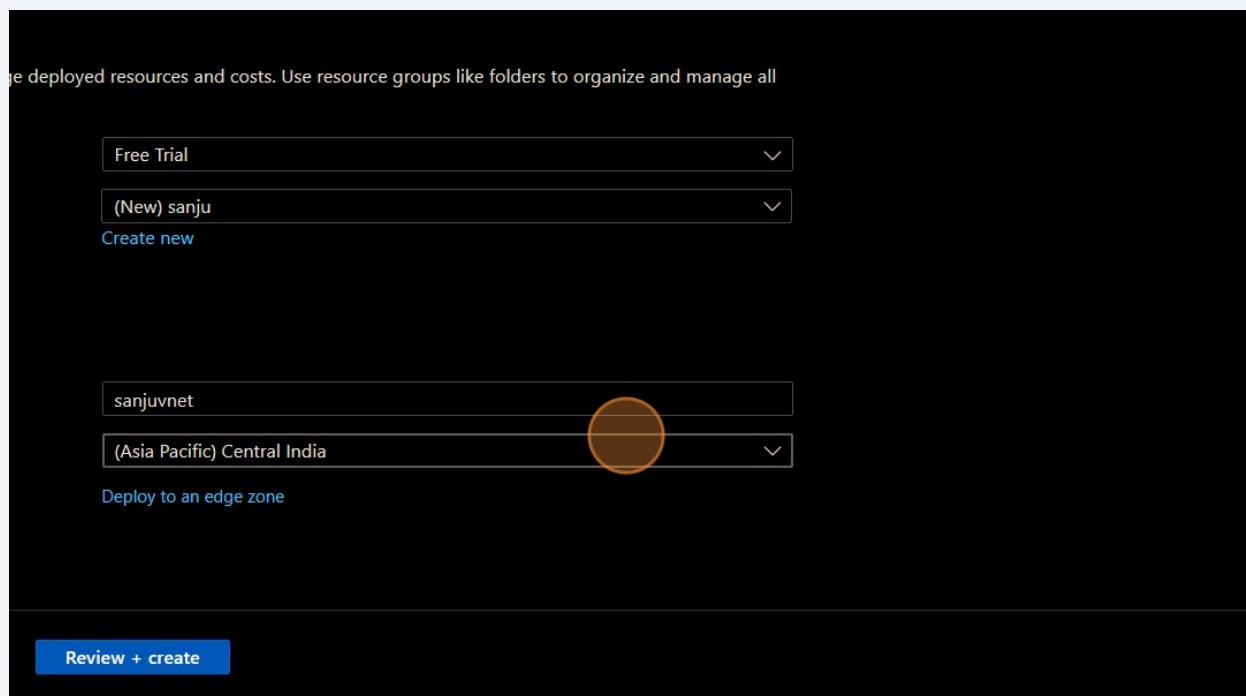
Create new

Name: sanjuvnet

Region: (Asia Pacific) Central India

Deploy to an edge zone

**Review + create**



8

## Select Central India (Asia Pacific)

Manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription: Free Trial

Resource Group: (New) sanju

Create new

Name: sanjuvnet

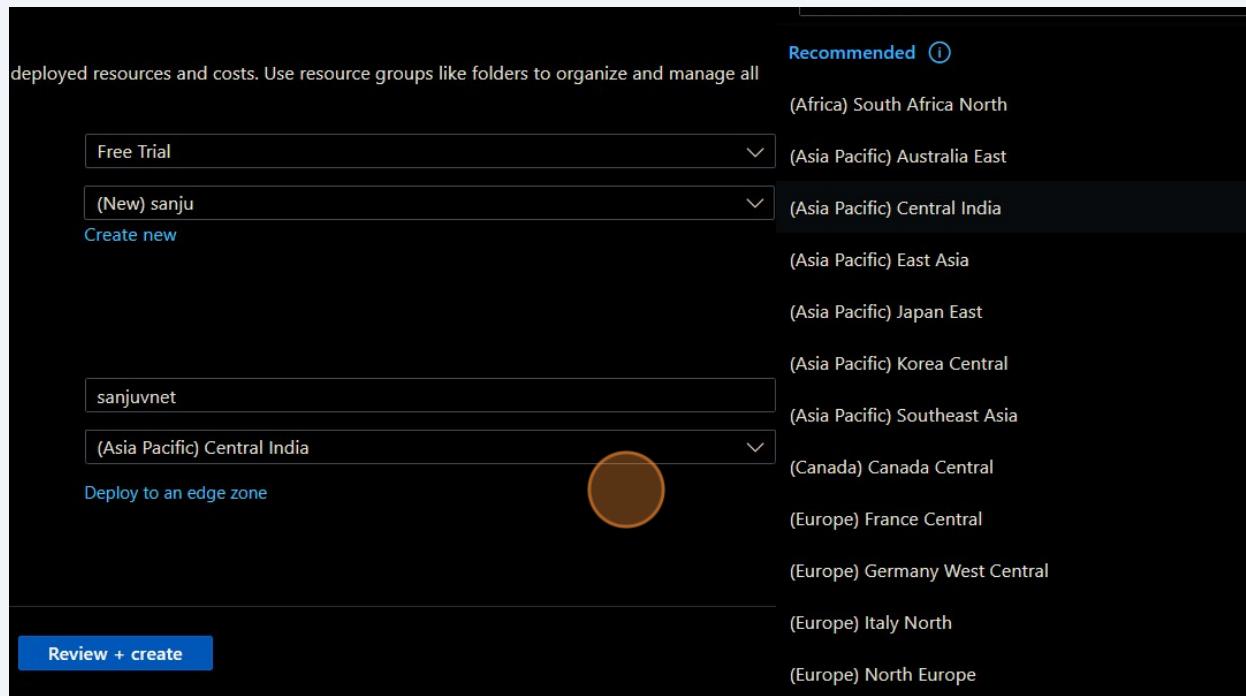
Region: (Asia Pacific) Central India

Deploy to an edge zone

**Review + create**

**Recommended ⓘ**

- (Africa) South Africa North
- (Asia Pacific) Australia East
- (Asia Pacific) Central India**
- (Asia Pacific) East Asia
- (Asia Pacific) Japan East
- (Asia Pacific) Korea Central
- (Asia Pacific) Southeast Asia
- (Canada) Canada Central
- (Europe) France Central
- (Europe) Germany West Central
- (Europe) Italy North
- (Europe) North Europe



**9** Click "Next"

**Project details**

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

Subscription \*

Resource group \*

**Instance details**

Virtual network name \*

Region \*

**10** Click "Next"

**Azure Firewall**

Azure Firewall is a managed cloud-based network security service that protects your Azure Virtual Network resources. [Learn more.](#) 

Enable Azure Firewall

**Azure DDoS Network Protection**

Azure DDoS Network Protection is a paid service that offers enhanced DDoS mitigation capabilities via adaptive tuning, attack notification, and telemetry to protect against the impacts of a DDoS attack for all protected resources within this virtual network. [Learn more.](#) 

Enable Azure DDoS Network Protection

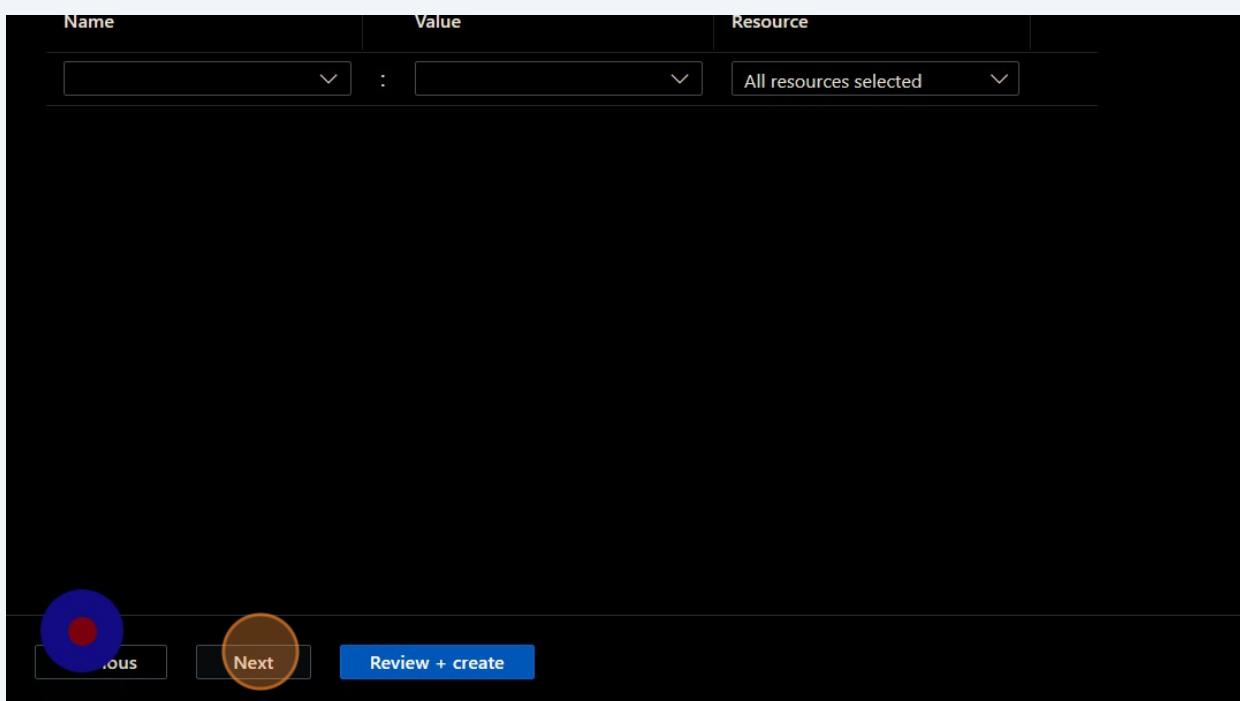
## 11 Click "/22"

The screenshot shows the 'Add IPv4 address space' configuration page. A specific subnet entry, '10.0.0.0/22' (IP range 10.0.0.0 - 10.0.3.255, 1,024 addresses), is highlighted with a red circle. Below it, a table lists a single subnet named 'default' with the IP range '10.0.0.0 - 10.0.0.255' and size '/24 (256 addresses)'. A note at the bottom states: 'A NAT gateway is recommended for outbound internet access from subnets. Edit the subnet to add a NAT gateway.' The 'Delete address space' button is visible in the top right.

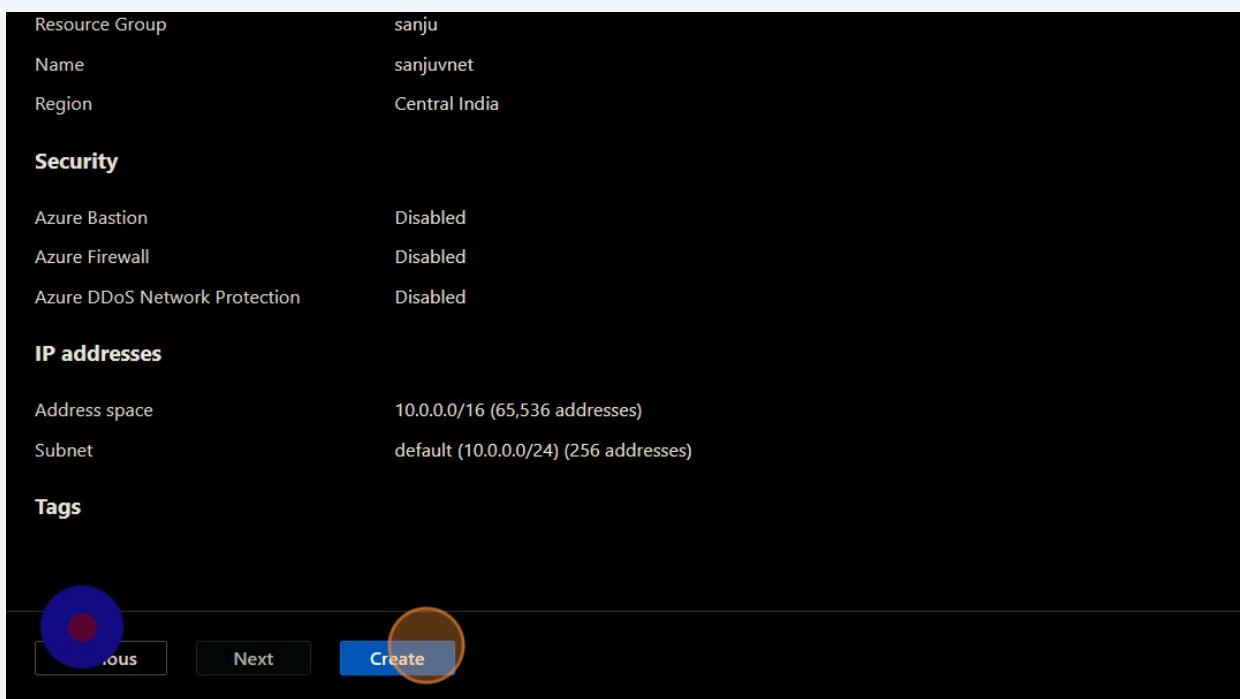
## 12 Click "Next"

The screenshot shows the 'Add IPv4 address space' configuration page again, but this time with a /16 prefix. A subnet entry, '10.0.0.0/16' (IP range 10.0.0.0 - 10.0.255.255, 65,536 addresses), is shown. Below it, a table lists a single subnet named 'default' with the IP range '10.0.0.0 - 10.0.0.255' and size '/24 (256 addresses)'. A note at the bottom states: 'A NAT gateway is recommended for outbound internet access from subnets. Edit the subnet to add a NAT gateway.' At the bottom, there are three buttons: 'Previous' (disabled), 'Next' (highlighted with a red circle), and 'Review + create'.

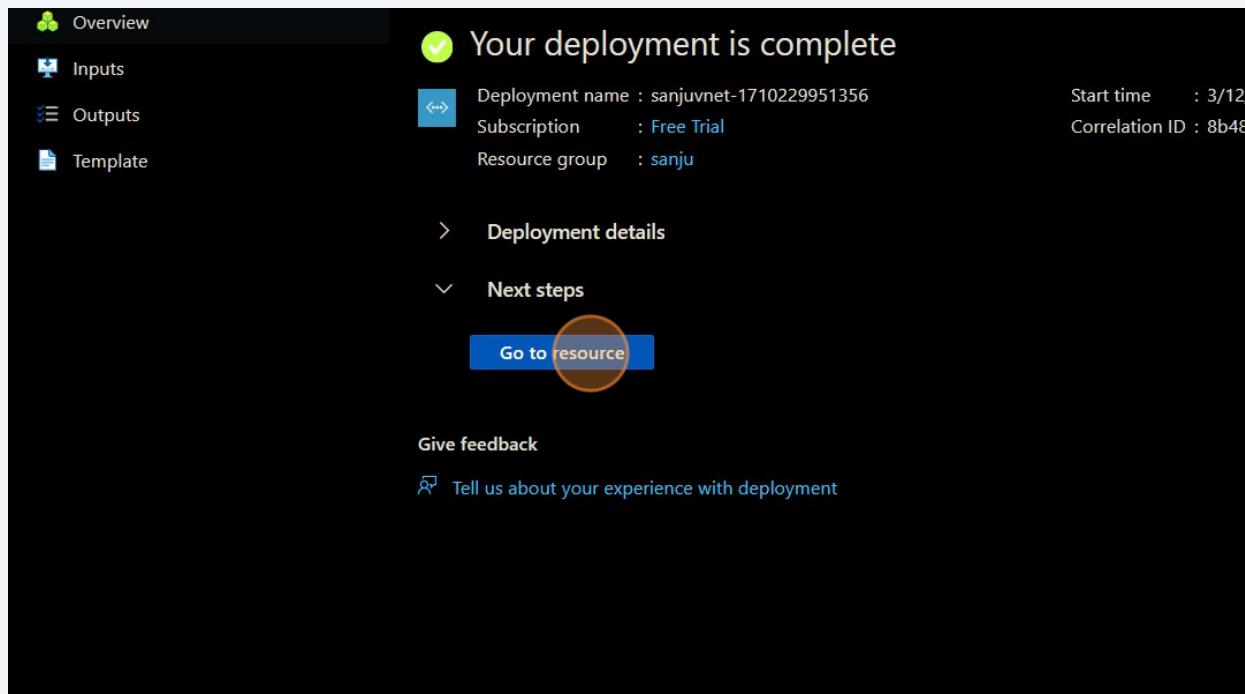
### 13 Click "Next"



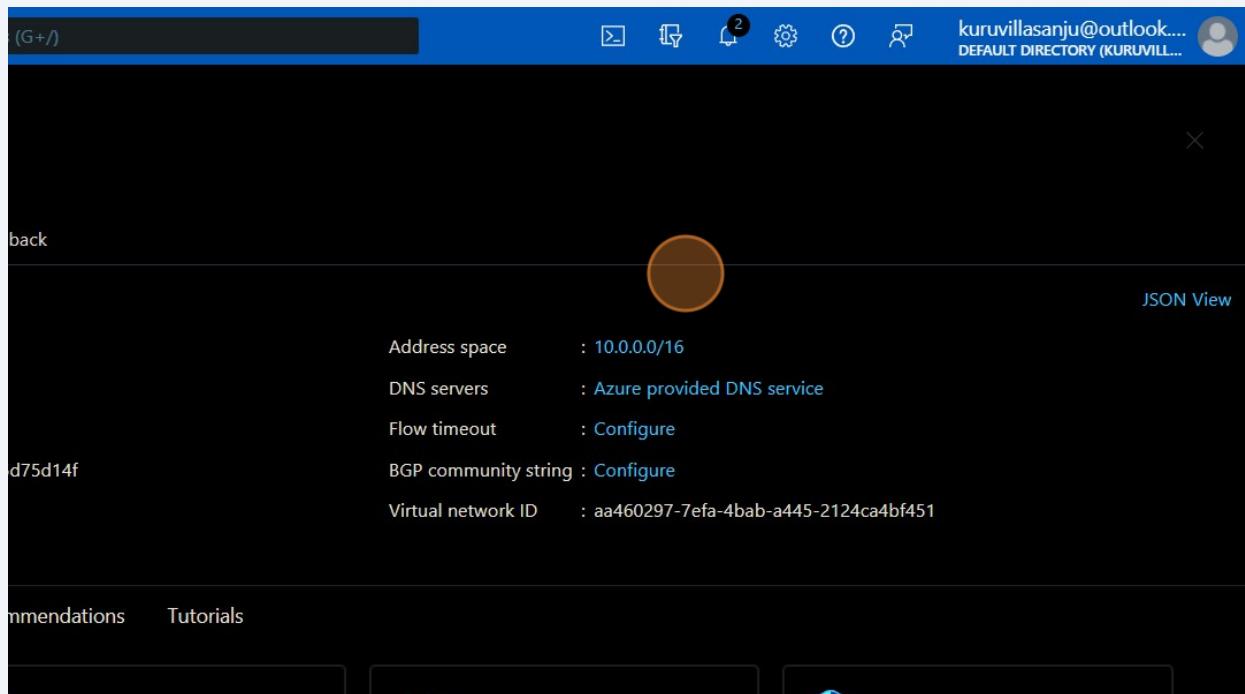
### 14 Review the configuration and click on "Create" to deploy the VNet.



## 15 Click "Go to resource"



## 16 Review



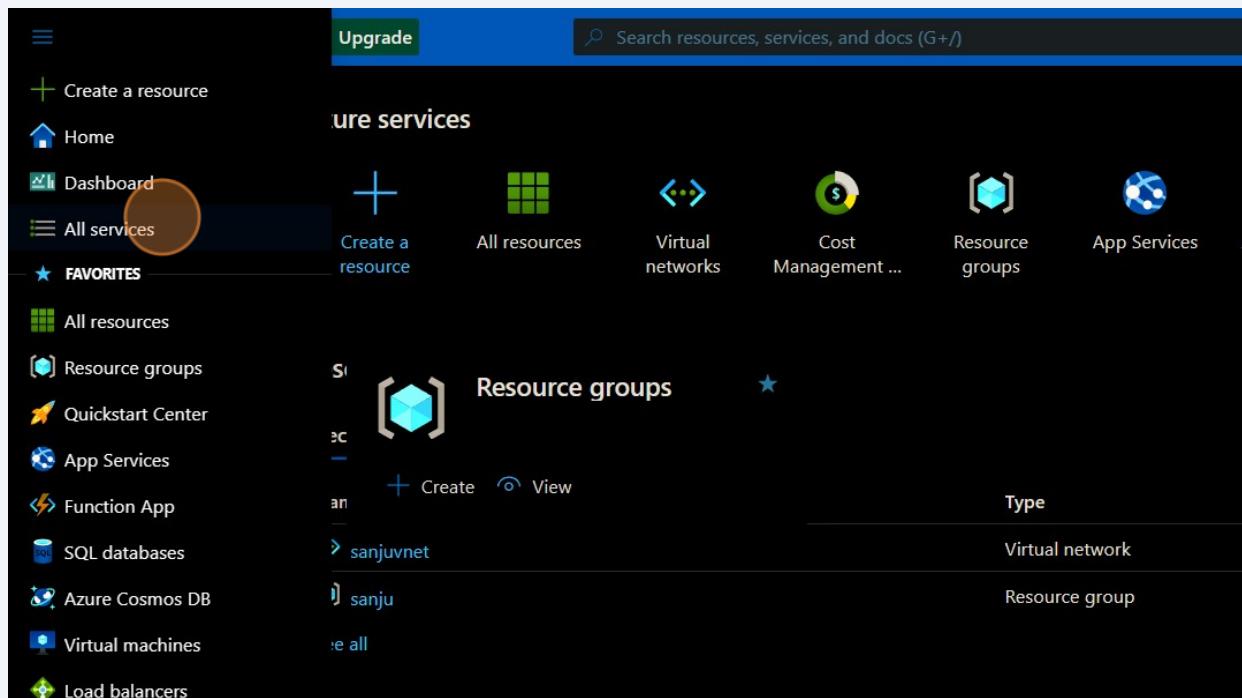
17 Click "Properties" to get to know the details of the vnet

The screenshot shows the Azure portal interface for a virtual network named 'sanjuvnet'. On the left, there's a sidebar with various navigation options like Activity log, Access control (IAM), Tags, and Diagnose and solve problems. Below that is a 'Settings' section with options for Address space, Connected devices, Subnets, Bastion, DDoS protection, Firewall, Microsoft Defender for Cloud, Network manager, and DNS servers. The main content area has a header 'Essentials' with resource group (sanju), location (Central India), subscription (Free Trial), and subscription ID (7b828564-2558-4c6f-a852-f1df5d75d14f). Below this is a 'Tags (edit)' section with an 'Add tags' button. The 'Properties' tab is currently selected, indicated by a blue underline and a brown circle. Under 'Properties', there are two sections: 'DDoS protection' (Configure additional protection from distributed denial of service attacks, status: Not configured) and 'Azure Firewall' (Protect your network with a stateful L3-L7 firewall, status: Not configured). At the bottom, there's a 'Private endpoints' section.

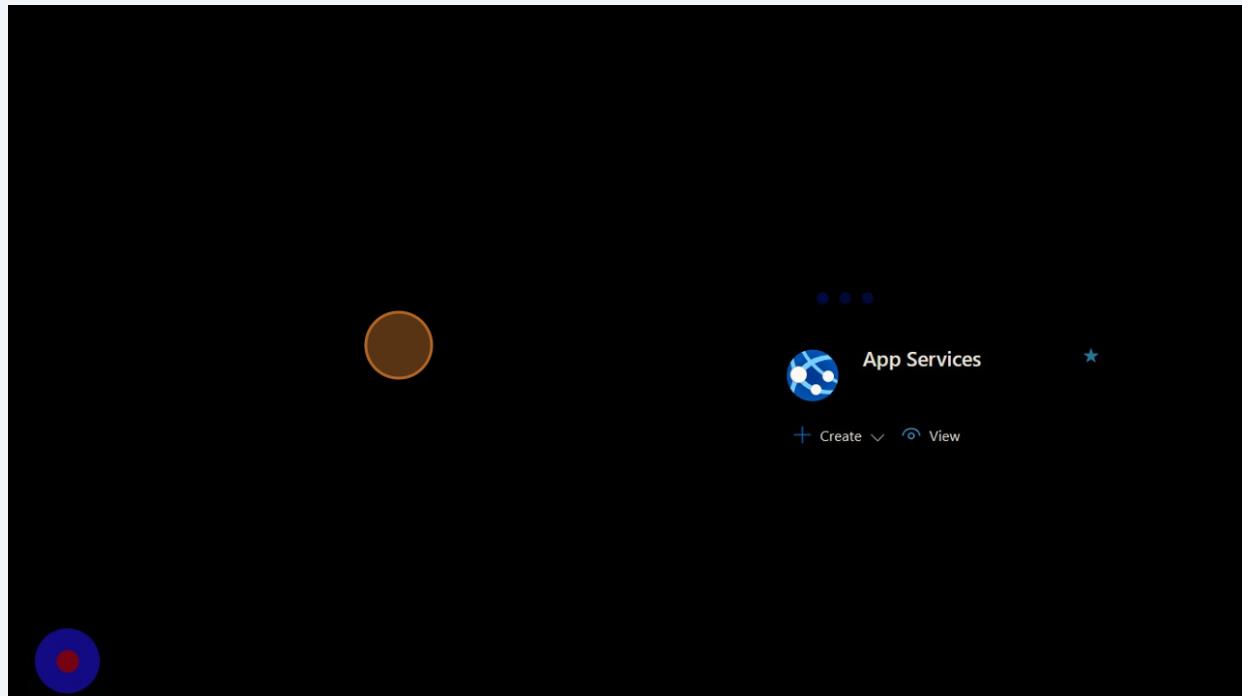
18 Click this icon.

This screenshot shows the same virtual network 'sanjuvnet' in the Azure portal. The interface is identical to the previous one, with the 'Properties' tab selected. The 'Essentials' section shows the same details: Resource group (sanju), Location (Central India), Subscription (Free Trial), and Subscription ID (7b828564-2558-4c6f-a852-f1df5d75d14f). The 'Tags (edit)' section is also present. The 'Properties' tab is highlighted with a blue underline. At the bottom, there's a 'Network configuration' section.

**19** Click "All services"



**20** Click "App Services"



**21** Click on "Static Web App" since I have static portfolio HTML page

The screenshot shows the Microsoft Azure App Services dashboard. At the top, there's a navigation bar with 'Microsoft Azure' and an 'Upgrade' button. A search bar says 'Search resources, services, and docs (G+)'. Below the navigation, it says 'All services > App Services'. There's a 'Default Directory (kuruvillasanjuoutlook.onmicrosoft.com)' section. A 'Create' button is highlighted with a brown circle. Other options include 'Web App', 'Static Web App', 'Web App + Database', and 'WordPress on App Service'. Filter options like 'Subscription equals all', 'Resource group equals all', 'Location equals all', and 'Add filter' are present. Below the filters, sorting options are shown: 'Status ↑↓', 'Location ↑↓', 'Pricing Tier ↑↓', and 'App'. On the right, there's a large circular icon with a network-like pattern.

**22** Click "(New) Resource group"

The screenshot shows the 'Create Static Web App' wizard. It has tabs for 'Basics', 'Tags', and 'Review + create', with 'Basics' selected. A descriptive text explains that App Service Static Web Apps provide global high availability. Below it, the 'Project Details' section asks to select a subscription and resource group. The 'Subscription' dropdown shows 'Free Trial'. The 'Resource Group' dropdown is highlighted with a brown circle and contains '(New) Resource group' and 'Select existing...'. In the 'Static Web App details' section, the name is set to 'NetworkWatcherRG'. Under 'Hosting plan', it says 'The hosting plan dictates your bandwidth, custom domain, storage, and other available features. Compare plans'. The 'Plan type' section shows two options: 'Free: For hobby or personal projects' (selected) and 'Standard: For general purpose production apps'.

## 23 Select the newly created resource group

**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 \*

**Static Web App details**

Name \*

**Hosting plan**

The hosting plan dictates your bandwidth, custom domain, storage, and other available features. [Compare plans](#)

Plan type  Free: For hobby or personal projects  Standard: For general purpose production apps

**Azure Functions and staging details**

Region for Azure Functions API and staging environments \*

## 24 Enter a unique name for your web app and select Central US - Region

Name \*

**Hosting plan**

The hosting plan dictates your bandwidth, custom domain, storage, and other available features. [Compare plans](#)

Plan type  Free: For hobby or personal projects  Standard: For general purpose production apps

**Azure Functions and staging details**

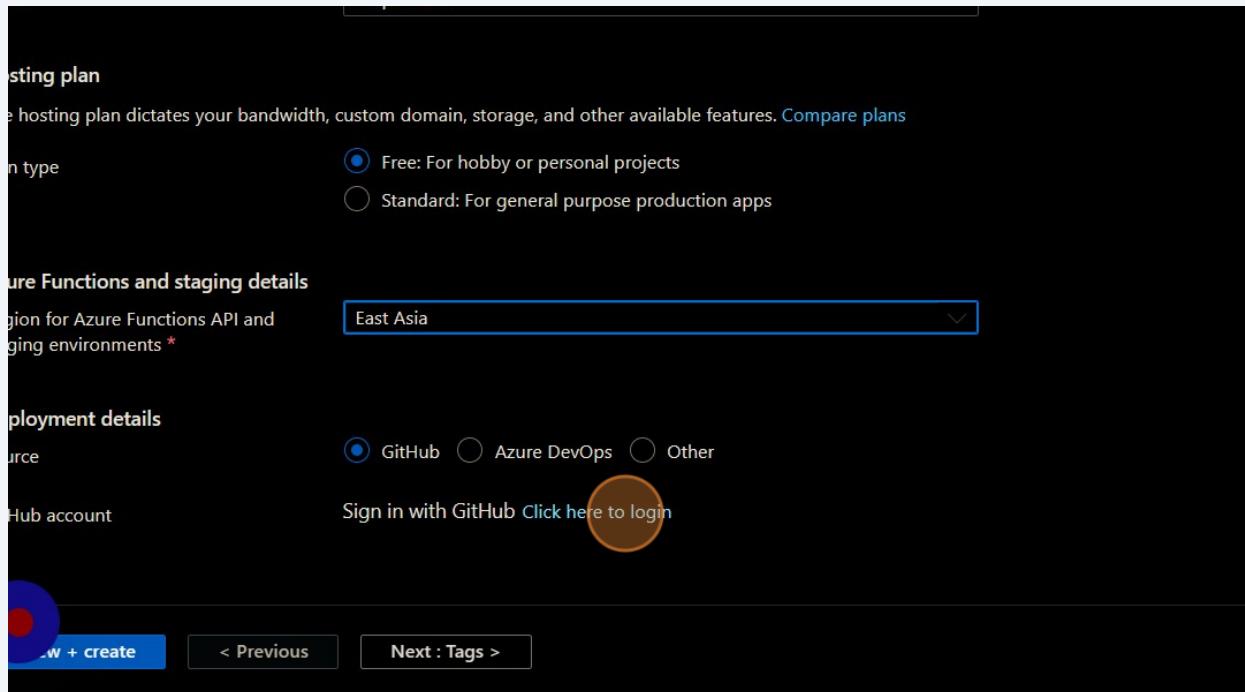
Region for Azure Functions API and staging environments \*

**Deployment details**

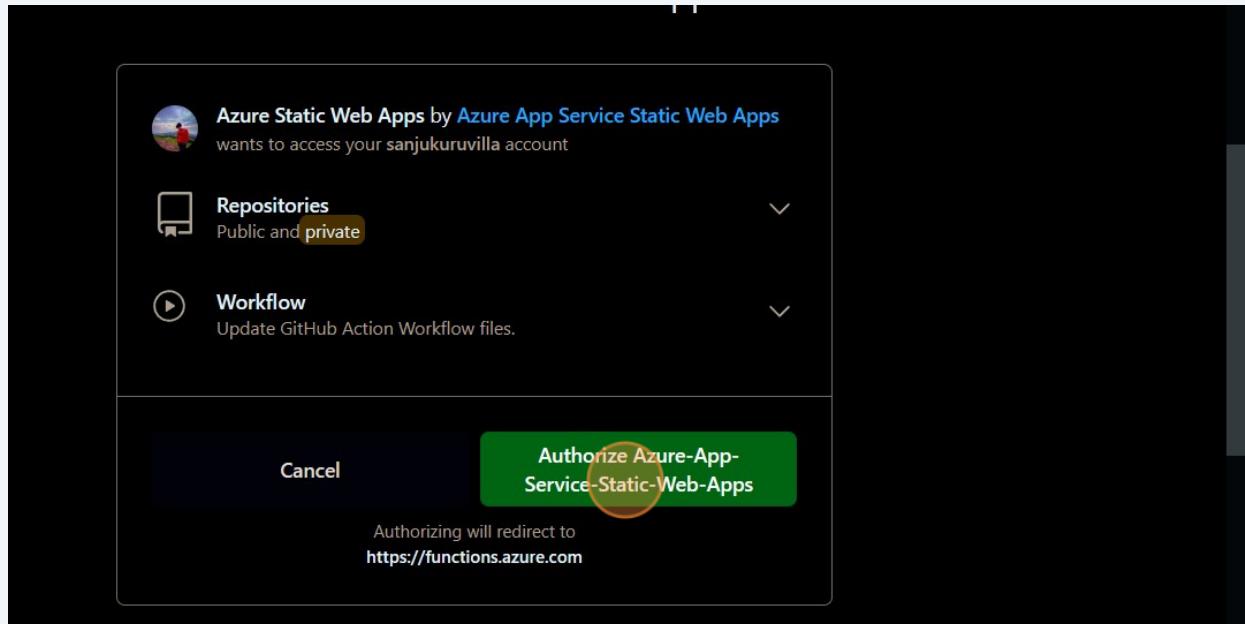
Source

GitHub account

**25** Click "Click here to login" to GitHub



**26** Click "Authorize Azure-App-Service-Static-Web-Apps"



## 27 Click "Organization"

Region for Lambda Functions API V2  
staging environments \*

**Deployment details**

Source  GitHub  Azure DevOps  Other

GitHub account sanjukuruvilla [Change account](#) ⓘ

If you can't find an organization or repository, you might need to enable additional permissions on GitHub. You must have write access to your chosen repository to deploy with GitHub Actions. ×

Organization \*

Repository \*

Branch \*  sanjukuruvilla

 [New + Create](#) < Previous Next : Tags >

## 28 Click "Repository"

Region for Lambda Functions API V2  
staging environments \*

**Deployment details**

Source aws-devops-zero-to-hero

GitHub account AWS\_workshop

If you can't find an organization or repo have write access to your chosen reposi

Repository \*  aws-devops-zero-to-hero

Branch \*  AWS\_workshop

 [New + Create](#) < Previous Next : Tags >

## 29 select your static web-page repo

Region for your function app  
staging environments \*

**Deployment details**

Source  GitHub  Azure DevOps  Other

GitHub account sanjukuruvilla [Change account](#) ⓘ

**Info** If you can't find an organization or repository, you might need to enable additional permissions on GitHub. You must have write access to your chosen repository to deploy with GitHub Actions. ⌂

Organization \* sanjukuruvilla

Repository \* S3\_static\_webpage

Branch Loading...

[New + create](#) < Previous Next : Tags >

## 30 Choose the github branch

Region for your function app  
staging environments \*

**Deployment details**

Source  GitHub  Azure DevOps  Other

GitHub account sanjukuruvilla [Change account](#) ⓘ

**Info** If you can't find an organization or repository, you might need to enable additional permissions on GitHub. You must have write access to your chosen repository to deploy with GitHub Actions. ⌂

Organization \* sanjukuruvilla

Repository \* S3\_static\_webpage

Branch \* main

**Platform Details**

New + create < Previous Next : Tags >

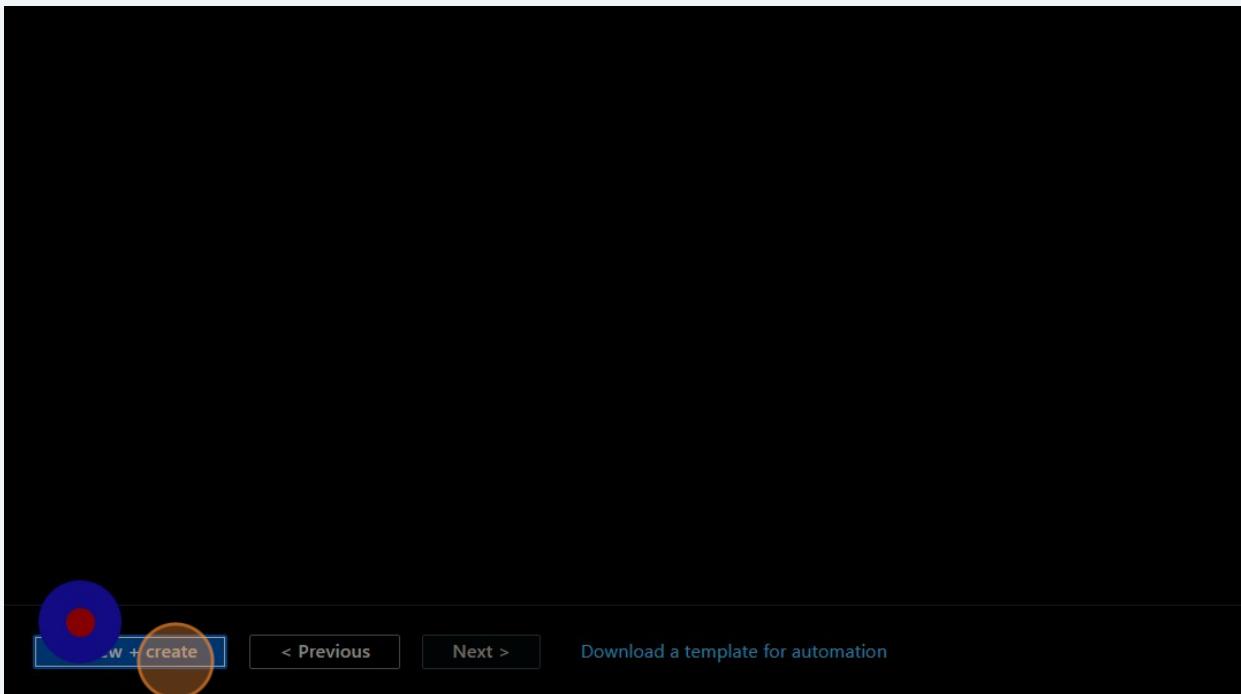
### 31 Click "Build Presets"

The screenshot shows the 'New workflow' setup page on GitHub. The 'Organization' field is set to 'Svelte'. The 'Repository' field is set to 'Vue.js'. The 'Branch' field is set to 'SvelteKit'. Under 'Build Details', the 'Static site generator' is set to 'Gatsby'. A dropdown menu labeled 'Build Presets' is open, with 'HTML' selected. A tooltip below the dropdown states: 'These fields will reflect the app type's default project structure. Change the values to suit your app.' A 'Preview workflow file' button is visible. At the bottom, there are navigation buttons for 'New + create', '< Previous', and 'Next : Tags >'.

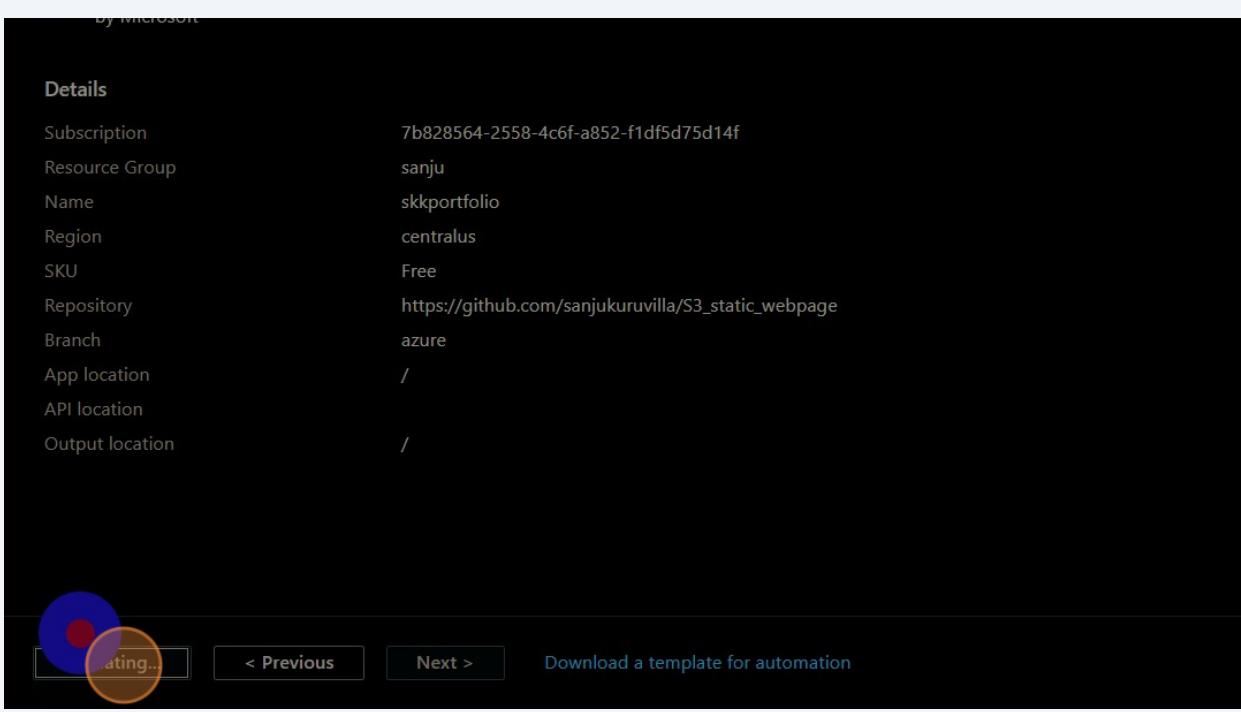
### 32 Choose HTML

The screenshot shows the 'New workflow' setup page on GitHub. The 'Organization' field is set to 'sanjukuruvilla'. The 'Repository' field is set to 'S3\_static\_webpage'. The 'Branch' field is set to 'azure'. Under 'Build Details', the 'Static site generator' is set to 'HTML'. A tooltip below the dropdown states: 'These fields will reflect the app type's default project structure. Change the values to suit your app.' A 'Preview workflow file' button is visible. At the bottom, there are navigation buttons for 'New + create', '< Previous', and 'Next : Tags >'.

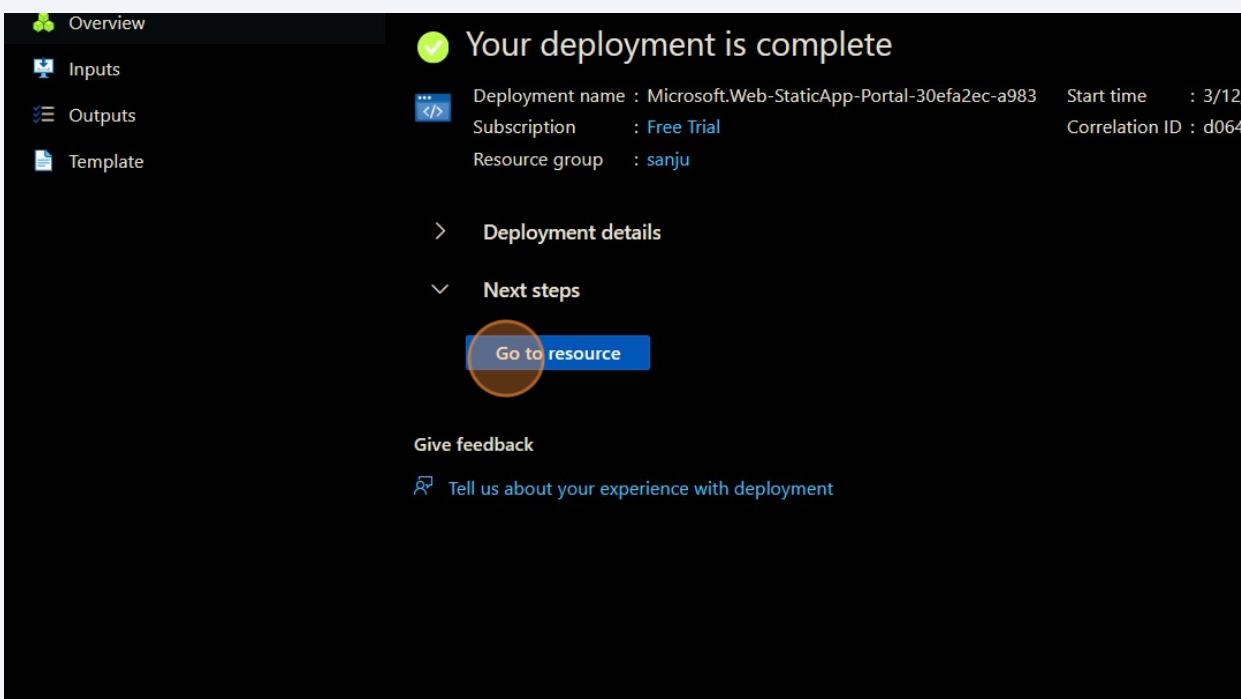
**33** Click 'Review+create'



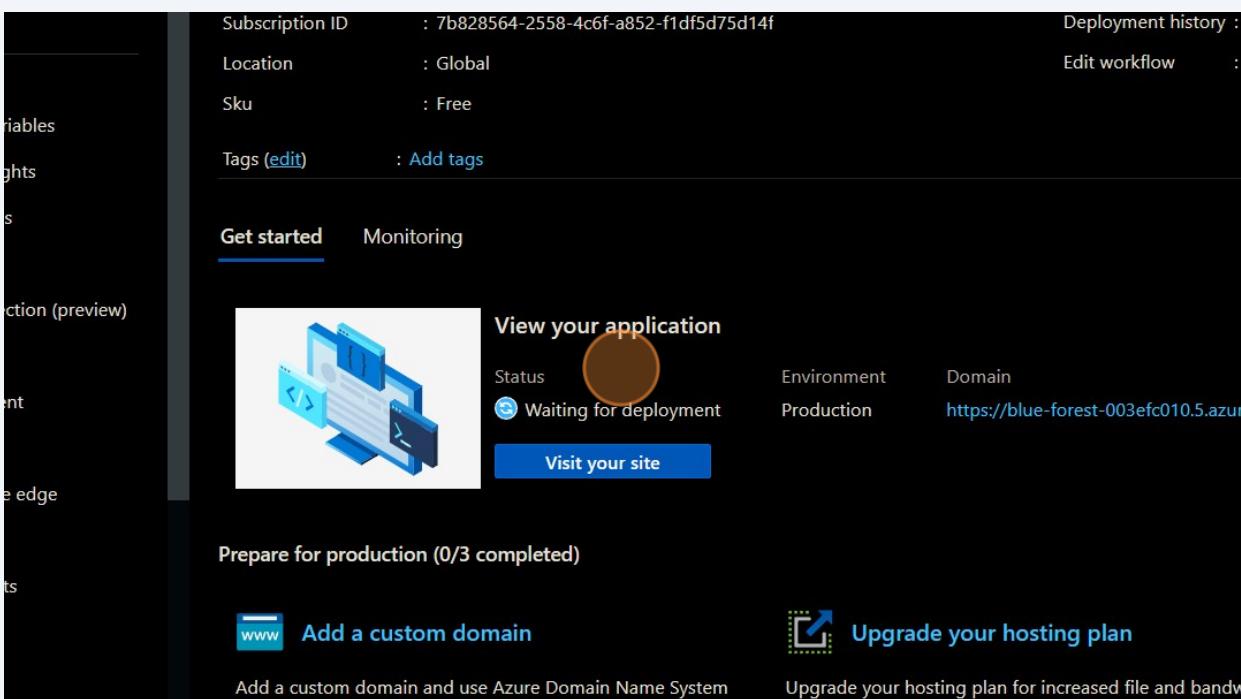
**34** Click here.



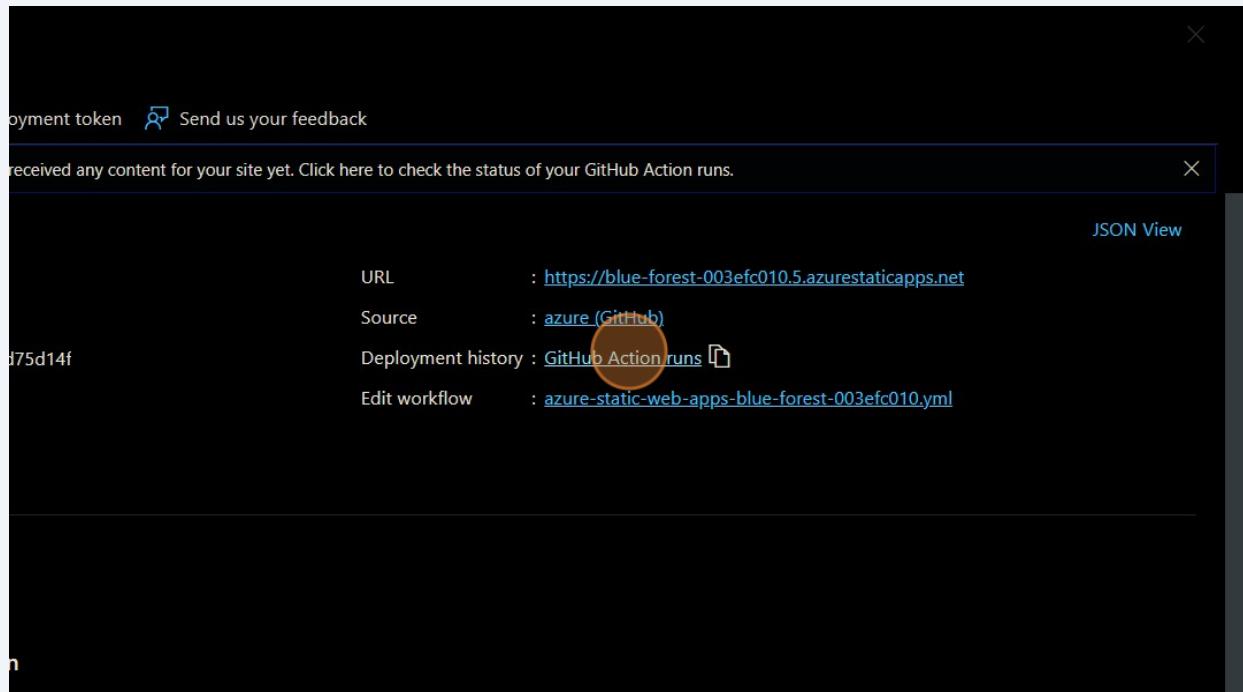
**35** Click "Go to resource"



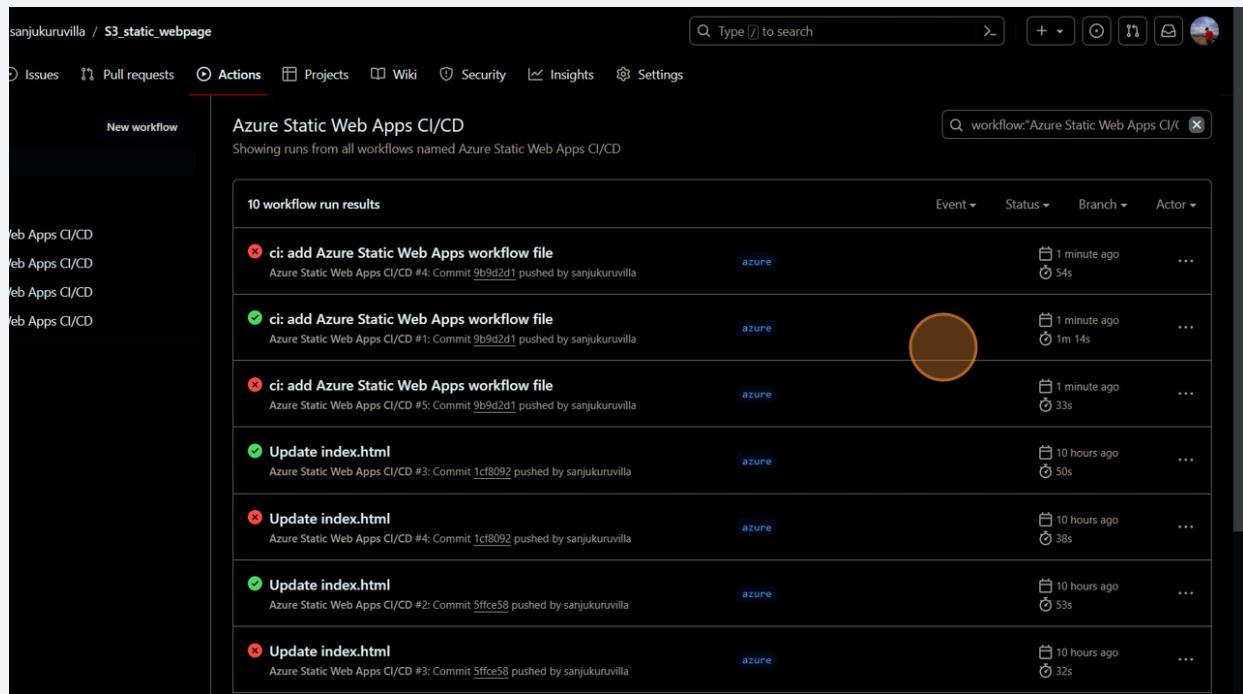
**36** Click "Status"



### 37 Click "GitHub Action runs"



### 38 Wait for the 'GitHub run' to finish the deployment



**39** Click "Visit your site"

Subscription ID : 7b828564-2558-4c6f-a852-f1df5d75d14f Deployment history

Location : Global Edit workflow

Sku : Free

Tags (edit) : Add tags

Get started Monitoring

**View your application**

Status : Waiting for deployment Environment : Production Domain : https://blue-forest-003efc0105.azurewebsites.net

Visit your site

Prepare for production (0/3 completed)

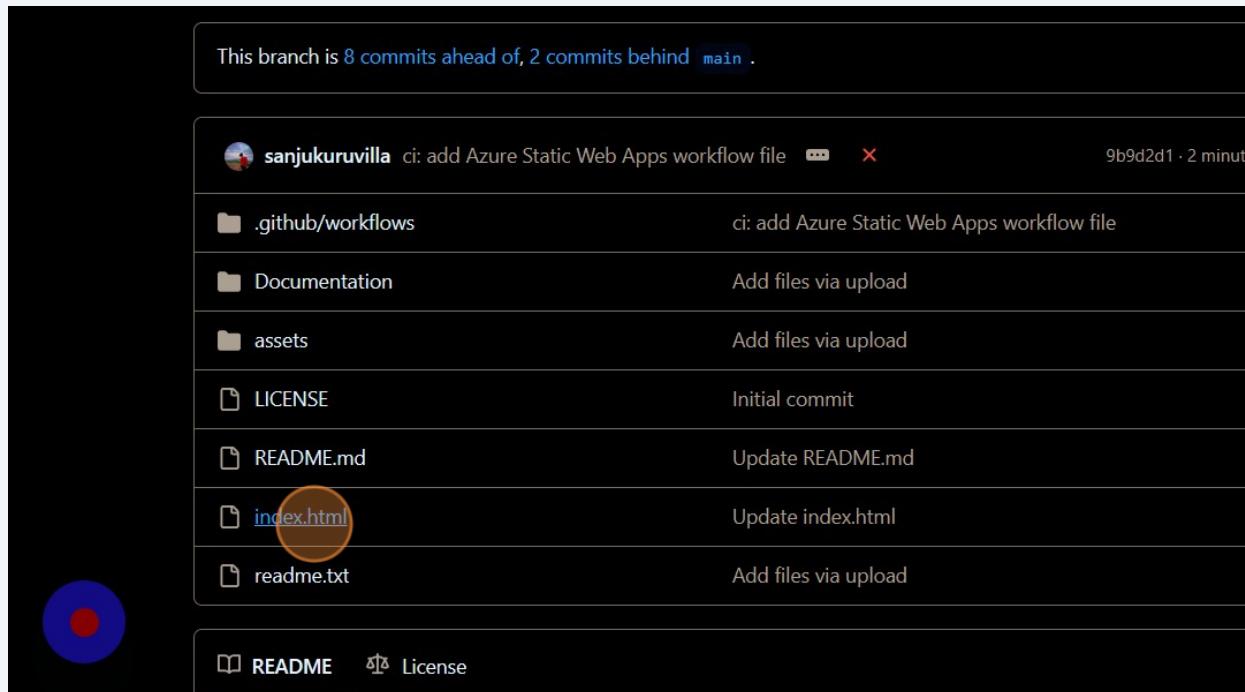
Add a custom domain Upgrade your hosting plan

Add a custom domain and use Azure Domain Name System Upgrade your hosting plan for increased file and band

**40** Portfolio deployed successfully



**41** Click "index.html"



**42** Now we will edit the Name in Index.html



## 43 change the name in this field

```
class="clearfix">></div>

<!-- /.top-area-->
area End -->

ome-hero start -->
id="welcome-hero" class="welcome-hero">


## 44 Click ths edit icon



9.1 KB     Code 55% faster with GitHub Copilot



Raw



```
<li class="smooth-menu"><a href="#clients">clients</a></li>
<li class="smooth-menu"><a href="#contact">contact</a></li>
</ul><!--/.nav -->
</div><!-- /.navbar-collapse -->
</div><!--/.container-->
nav><!--/nav-->
-- End Navigation -->
<!--/.header-area-->

="clearfix"></div>

/.top-area-->
End -->

ro start -->
elcome-hero" class="welcome-hero">
lass="container">
<div class="row">
    <div class="col-md-12 text-center">
        <div class="header-text">
```



Made with Scribe - https://scribehow.com



22


```

## 45 Changed name to Hrithik Roshan

```
end Navigation -->
./.header-area-->

    <div class="clearfix"></div>

    <div class="op-area-->">
        -->

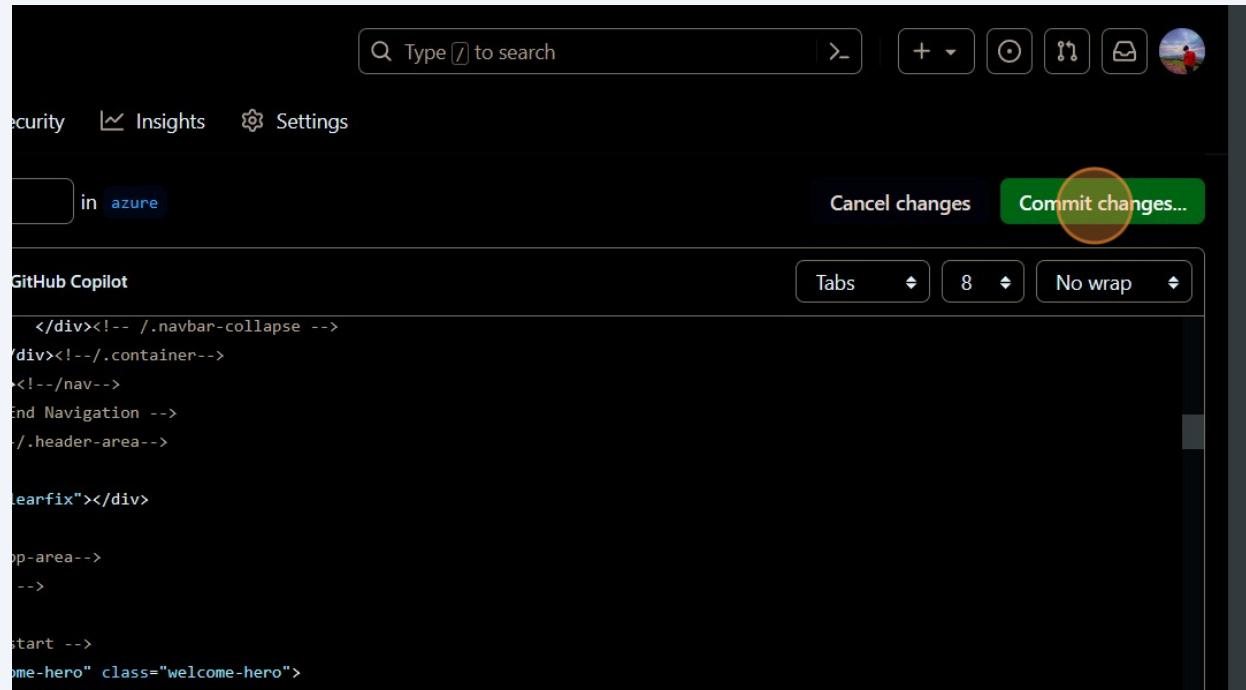
        <div class="start -->">
            <div class="some-hero" style="background-color: #f0f0f0; padding: 10px; border-radius: 10px; text-align: center; margin-bottom: 10px;">
                <h2>Hi <span>I am</span> <br> Hrithik <br> Roshan <span>. </span></h2>
                <p>Software Engineer and DevOps Enthusiast</p>
                <a href="assets/download/Resume.pdf" download>Download resume</a>
            </div><!-- /.header-text -->
        </div><!-- /.col -->
    </div><!-- /.row -->
</div><!-- /.container -->

    <div class="welcome-hero-->">
        <div class="end -->">
            <div class="clearfix"></div>
        </div>
    </div>

```

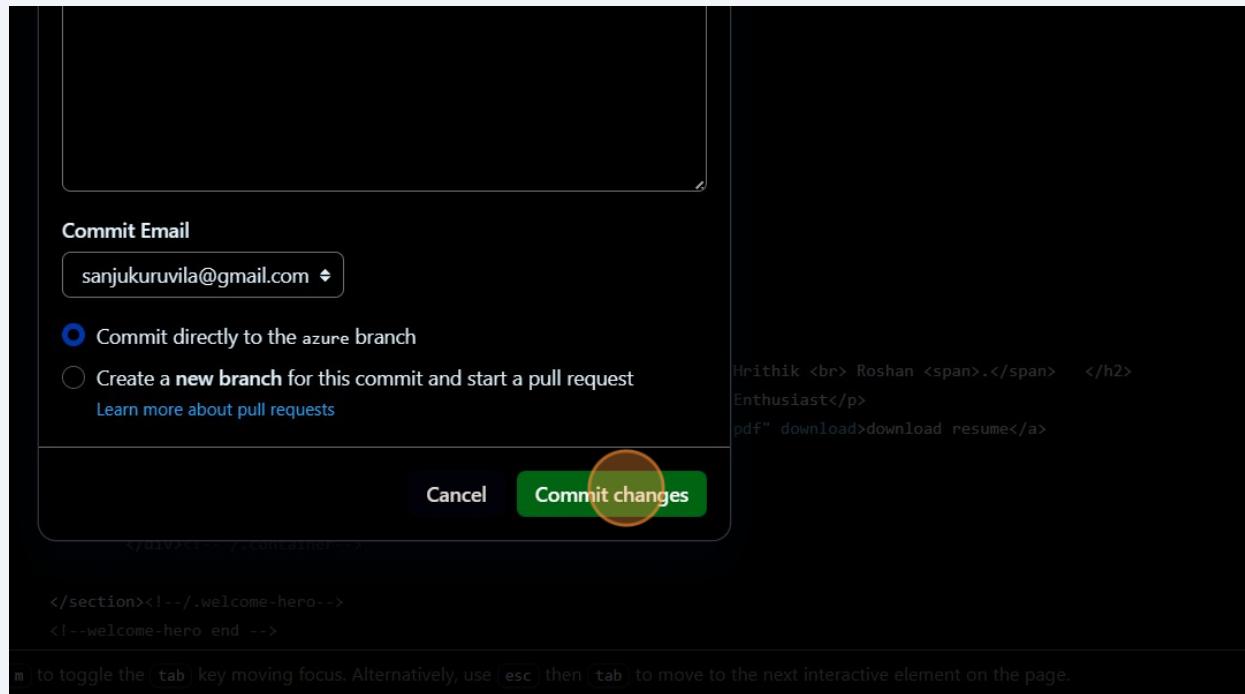


## 46 Click "Commit changes..."

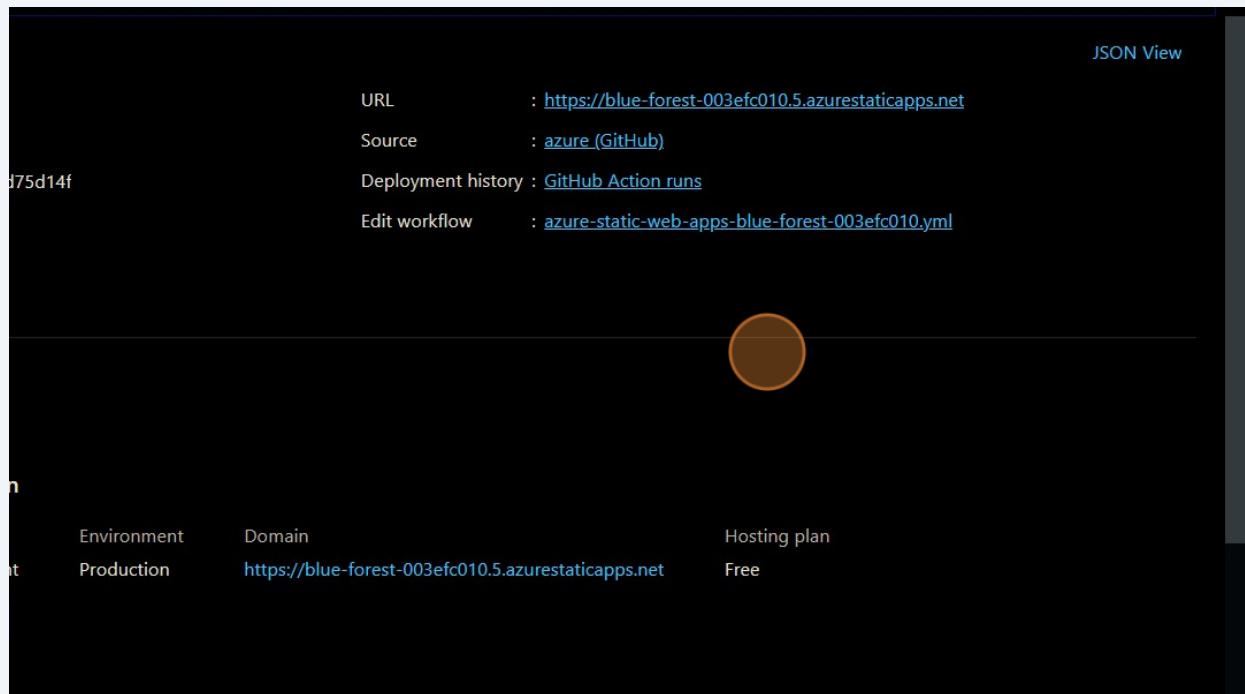


The screenshot shows a GitHub commit dialog. At the top right, there is a search bar with placeholder text "Type ⌘ to search" and several icons: a magnifying glass, a plus sign, a circular arrow, a refresh symbol, and a profile picture. Below the search bar are navigation links: "security", "Insights", and "Settings". In the center, there is a text input field with the placeholder "in azure" and a "Cancel changes" button. To the right of the input field is a large green "Commit changes..." button, which is circled in orange. At the bottom right of the dialog are three dropdown menus: "Tabs" (set to 8), "No wrap" (set to 8), and another dropdown menu. The main area of the dialog displays the same code snippet as the previous image.

## 47 Click "Commit changes"



## 48 Go back to Azure portal



## 49 Application is being updated

The screenshot shows the Azure Static Web App 'blue-forest' configuration page. At the top, it displays basic settings: Location (Global), Sku (Free), and Tags (Add tags). Below these are 'Get started' and 'Monitoring' tabs. The main area features a 'View your application' section with a status icon showing 'Uploading' (circled in orange) and a 'Visit your site' button. To the right, the domain is listed as <https://blue-forest-003efc010.5.azurestaticapps.net>. Below this, a 'Prepare for production (0/3 completed)' section includes links for 'Add a custom domain' and 'Upgrade your hosting plan'.

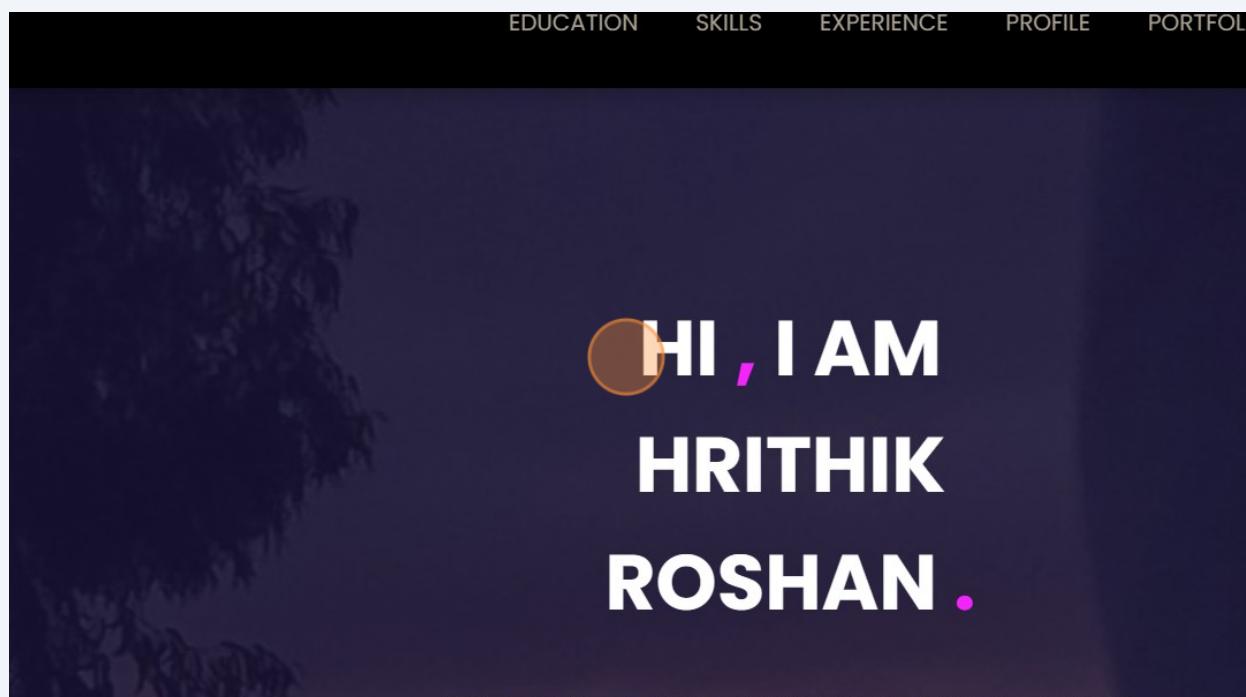
## 50 Click "GitHub Action runs"

The screenshot shows the Azure Static Web App 'blue-forest' configuration page. It lists deployment details: URL (<https://blue-forest-003efc010.5.azurestaticapps.net>), Source (azure (GitHub)), Deployment history (GitHub Action runs, circled in orange), and Edit workflow ([azure-static-web-apps-blue-forest-003efc010.yml](#)). A 'Send us your feedback' link and a 'JSON View' button are also visible.

**51** Wait for the Github run to complete

| ure Static Web Apps CI/CD                                |       |               |          |
|--|-------|---------------|----------|
|  |       | Event ▾       | Status ▾ |
|  |       | Branch ▾      | Actor ▾  |
| f483113 pushed by sanjukuruvilla                         | azure | now           | ...      |
| f483113 pushed by sanjukuruvilla                         | azure | now           | ...      |
| f483113 pushed by sanjukuruvilla                         | azure | now           | ...      |
| <b>workflow file</b><br>9b9d2d1 pushed by sanjukuruvilla | azure | 4 minutes ago | ...      |
| <b>workflow file</b><br>9b9d2d1 pushed by sanjukuruvilla | azure | 4 minutes ago | ...      |

**52** The webpage have been updated



## 53 Now will revert back to the original Name, follow steps 41 - 47

```
ass="clearfix">></div>

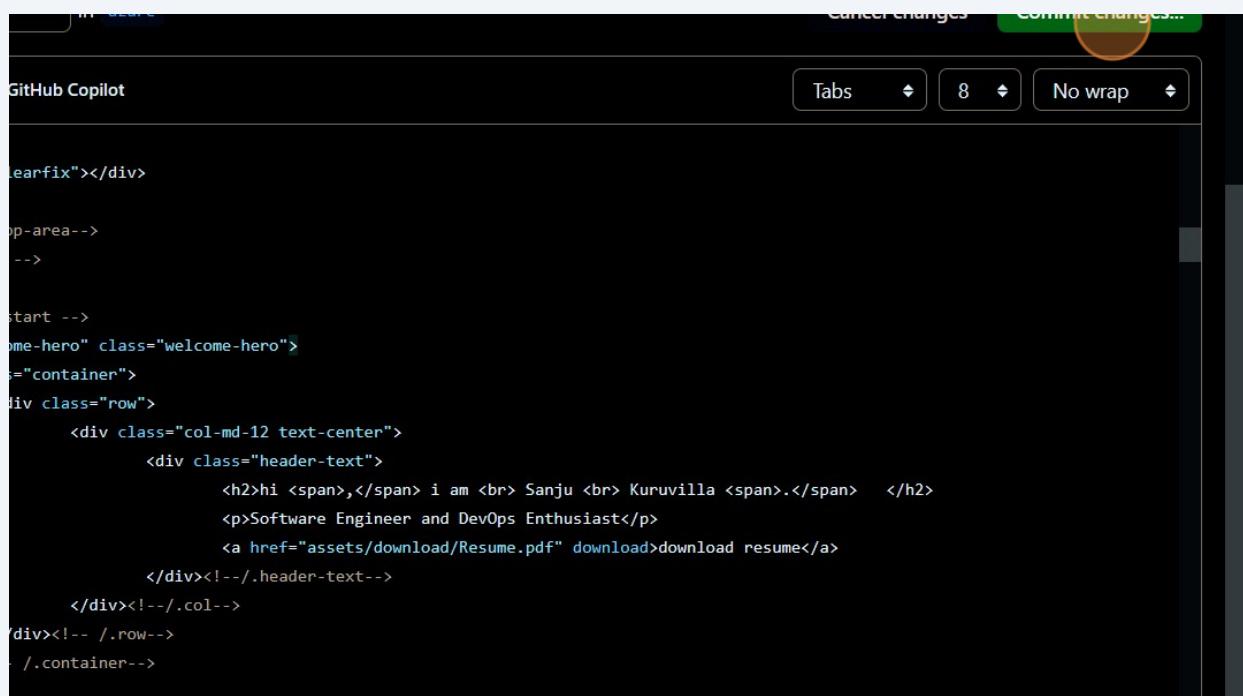
-- /.top-area-->
ea End -->

-hero start -->
="welcome-hero" class="welcome-hero">
v class="container">
<div class="row">
    <div class="col-md-12 text-center">
        <div class="header-text">
            <h2>hi <span>, </span> i am <br> Hrithik <br> Roshan <span>. </span> </h2>
            <p>Software Engineer and DevOps Enthusiast</p>
            <a href="assets/download/Resume.pdf" download>download resume</a>
        </div><!--/.header-text-->
    </div><!-- /.col-->
</div><!-- /.row-->
iv><!-- /.container-->

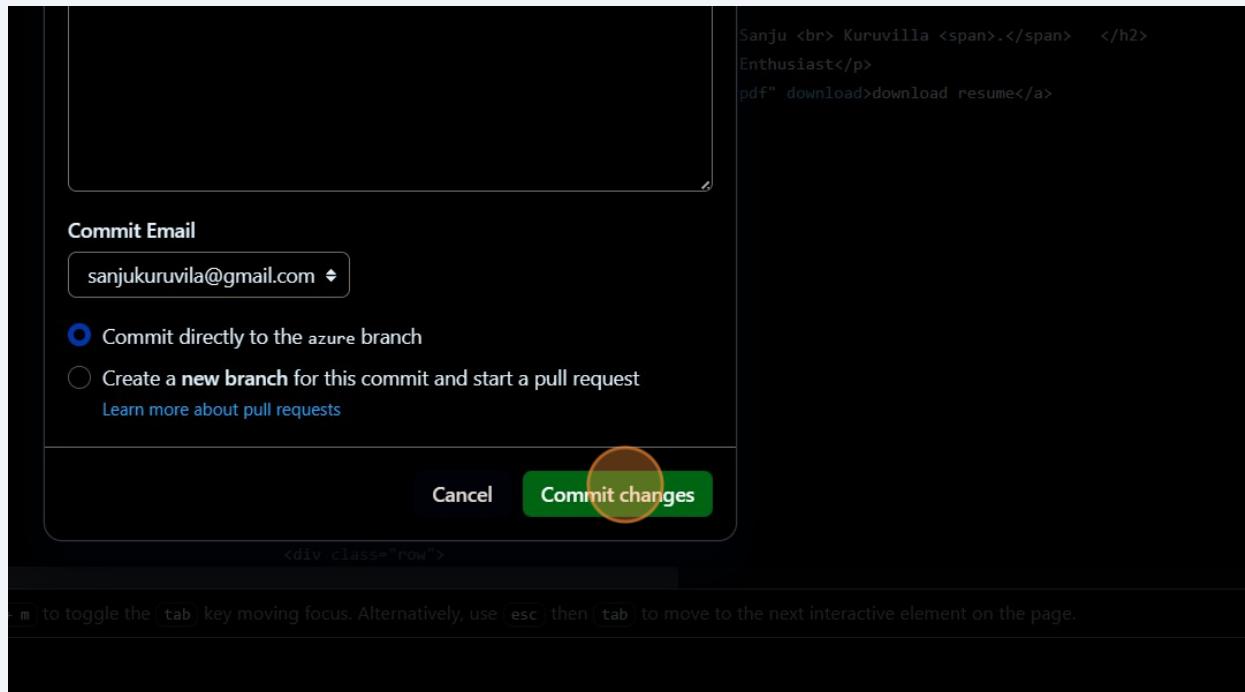
!--/.welcome-hero-->
-hero end -->

start -->
```

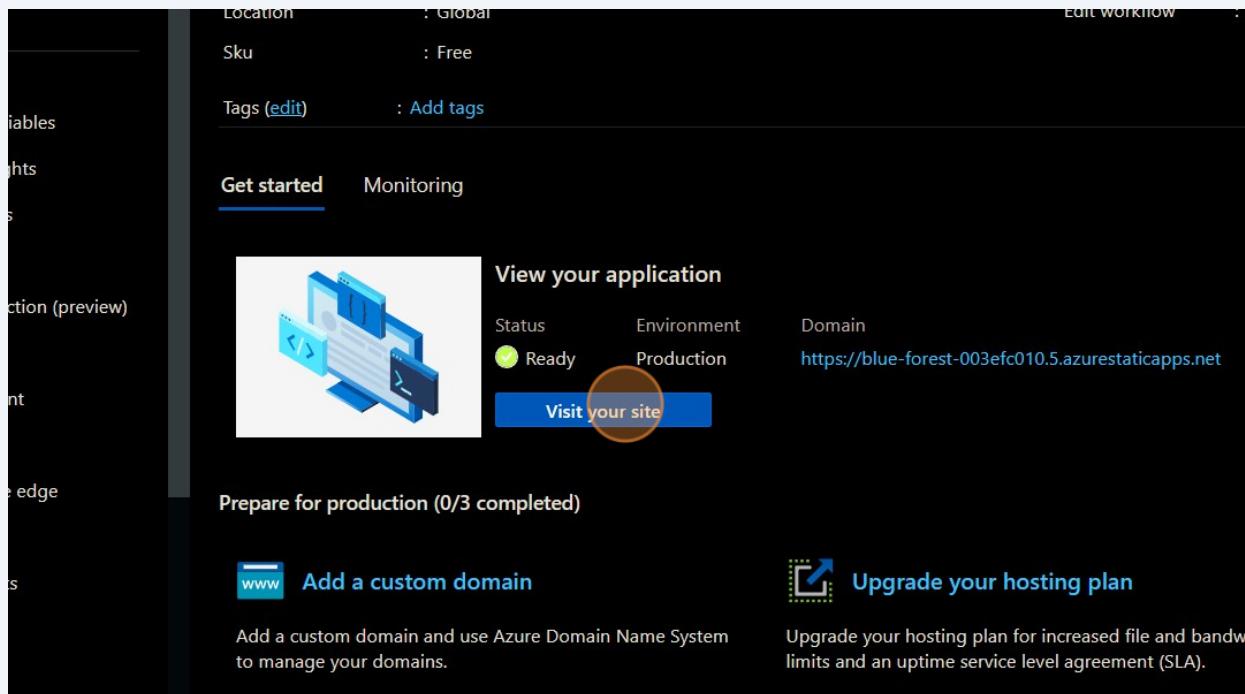
## 54 Click "Commit changes..."



## 55 Click "Commit changes"



## 56 Click "Visit your site"



57

Reverted back to Original

