

**Dance Studio Code Generator Website Creation Document**

EXPECTED WORKFLOW TO CREATE A WEBSITE USING CODE-GENERATOR			
User	Workflow	Naming Convention	Platform
Sales	Fill the web development form	Complete the form as per the requirement and institution type	AWSAIAPP
Operation	S3 bucket creation	Naming convention same as the subdomain name	AWS
Operation	CloudFront setup	Naming convention same as the subdomain name	AWS
Operation	Hosted Zone configuration	Naming convention same as the subdomain name	AWS
Operation	SSL Certificate issuance	Naming convention same as the subdomain name	AWS
Operation	Branch creation	Naming convention same as the institution name	GitHub
Operation	Modify data.js	Update institution name, S3, and CloudFront details	GitHub
Operation	Update deliverable status and add the link	Naming convention same as the subdomain name	AWSAIAPP
Sales	Verify the link and deliver	Ensure the link is functional and deliver to the client	AWSAIAPP

Institution Type	Sub-domain formatting	Example
Dance Studio	<institution_name>.happyprancer.com	iconic.happyprancer.com
Dentist	<institution_name>.awsaiapp.com	nsg.awsaiapp.com
Cafe	<institution_name>.awsaiapp.com	tct.awsaiapp.com

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## Overview

This document outlines the workflow, naming conventions, user roles, and responsibilities for creating a dance studio website using the code-generator system.

## Workflow

### 1. Sales Phase

**User Type:** Sales Engineer

- Task: Fill the web development form of the AWSAIAPP.
- Details: Complete the form based on the institution type and requirements.
- Platform: AWSAIAPP.

### Web Dev Form Filling -

#### 1. Select the type of institution to dance studio and click on Create New Institution


The screenshot displays the AWSAIAPP web development form interface. The top navigation bar includes links for Home, About Us, Pricing, Team, Sales Tester, and Contact Us. A sidebar on the left shows a user profile for 'ST Hello, Sales' with options for Client Panel, Institute Draft, and Profile. The main content area features a form with a 'Type' dropdown menu and a 'Create New Institution' button. Below the form is a table with columns: INSTITUTION ID, TYPE, STATUS, IS DELIVERED, PAYMENT, MEMBERS, CREATED BY, DELIVERABLE, and LINKS. The table currently shows 'Showing 1-0 of 0' items, indicating no data is present. Navigation links for '< Previous' and 'Next >' are visible at the bottom of the table.

2. Start filling up the web dev form
3. Company Info -

Here are the fields:

1. **Company Name**
  - Input: Text Field
2. **Choose Your Theme Color**
  - Input: Color Picker
3. **Select Institution Format**
  - Options:
    - Online Classes
4. **Logo Upload File**
  - Input: File Upload
  - Placeholder: "No file chosen"
  - Note: "It's the logo of the company"

After filling up the company info click on **NEXT**

[Home](#)[About Us](#)[Pricing](#)[Team](#)[Sales Tester](#)[Contact Us](#)

### Company Profile

Company profile, design preferences, and essential details for creating a tailored website experience.

**Company Name \***

**Choose Your Theme Color \***

**Select Institution Format \***

Online Classes

**Logo Upload File \***

Choose File

No file chosen

It's the logo of the company

BACK

COMPANY INFO

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## 4. Contact Info

Here are the fields for the Contact Information section:

1. Address
  - Input: Text Field
2. Owner Name
  - Input: Text Field
3. Phone Number
  - Input:
    - Dropdown for country code: **India (+91)**
    - Text Field for phone number
4. Email
  - Input: Email Field
5. UPI ID
  - Input: Text Field
6. Instagram
  - Input: Text Field (URL)
7. YouTube
  - Input: Text Field (URL)
8. Facebook
  - Input: Text Field (URL)
9. Subscription Background
  - Input: File Upload
10. Instructor Background
  - Input: File Upload

**CONTACT INFORMATION**

Offer comprehensive contact details, facilitating easy communication and connection through various platforms.

**Address \***

Address

**Owner Name \***

Owner Name

**PhoneNumber \***

India (+91) Phone Number

**Email \***

Email

**Uplid \***

Uplid

**Instagram**

Instagram

**Youtube**

Youtube

**Facebook**

Facebook

**Subscription Bg** Choose File

**Instructor Bg** Choose File

**BACK** COMPANY INFO CONTACT INFO HOME SERVICES TESTIMONIALS SUBSCRIPTION PRICING POLICY **NEXT**

After filling up the contact info click on **NEXT**

## 5. Home Section

Here are the fields for the Home Section:

1. Enter Short Description Tagline
  - Input: Text Field
  - Character Limit: 0/40
2. Enter Short Description Tagline1
  - Input: Text Field
  - Character Limit: 0/60
3. Upload Your Media
  - Input: File Upload

The screenshot shows a web application interface for the 'HOME SECTION'. At the top, there is a navigation bar with links: Home, About Us, Pricing, Team, Sales Tester, and Contact Us. The main content area is titled 'HOME SECTION' and includes a sub-header 'Introduce Your Brands:' followed by a descriptive sentence. Below this, there are three input fields: two text fields for 'Enter Short Description Tagline' (with a 0/40 character limit) and 'Enter Short Description Tagline1' (with a 0/60 character limit), and a file upload area with a clapperboard icon and the text 'Upload your media'. At the bottom, there is a footer with a 'BACK' button, a series of links (COMPANY INFO, CONTACT INFO, HOME, SERVICES, TESTIMONIALS, SUBSCRIPTION, FAQs, POLICY), and a 'NEXT' button.


After filling up the home section click on **NEXT**

## 6. Service Highlight

Here are the fields for the Service Highlight section:

1. Services Background
  - Input: File Upload
2. Services Portrait
  - Input: File Upload
3. Service 1
  - Service Title: Text Field
  - Service Items:
    - Input: Text Field (allows multiple items)
    - Button: "Add Item"
4. Service 2
  - Service Title: Text Field
  - Service Items:
    - Input: Text Field (allows multiple items)
    - Button: "Add Item"
5. Service 3
  - Service Title: Text Field
  - Button: "Add Item"
6. Service 4
  - Service Title: Text Field
  - Service Items:
    - Input: Text Field (allows multiple items)
    - Button: "Add Item"
7. Dance Type 1
  - Dance Type: Text Field
8. Dance Type 2
  - Dance Type: Text Field
9. Dance Type 3
  - Dance Type: Text Field
10. Dance Type 4
  - Dance Type: Text Field
  - Button: "Add Dance Type"





[Home](#) [About Us](#) [Pricing](#) [Team](#) [Sales Tester](#) [Contact Us](#)

### SERVICE HIGHLIGHT

Effectively highlight your services by showcasing their unique benefits and value propositions. Make it clear how each service meets your audience's needs and stands out from the competition.

Services Bg

Choose File

Services Portrait

Choose File

Service 1 \*

Service Title

Service Item

Add Item

Service 2 \*

Service Title

Service Item

Add Item

Service 3 \*

Service Title

Add Item

Service 4 \*

Service Title

Service Item


Add Item

Dance Type 1 \*

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NEXT



[Home](#) [About Us](#) [Pricing](#) [Team](#) [Sales Tester](#) [Contact Us](#)

Service Title

Add Item

Service 4 \*

Service Title

Service Item

Add Item

Dance Type 1 \*

Dance Type

Dance Type 2 \*

Dance Type

Dance Type 3 \*

Dance Type

Dance Type 4 \*

Dance Type

Add Dance Type

BACK

[COMPANY INFO](#) [CONTACT INFO](#) [HOME](#) [SERVICES](#) [TESTIMONIALS](#) [SUBSCRIPTION](#) [PAGES](#) [POLICY](#)

NEXT

After filling up the Service Highlight click on **NEXT**

## 7. Testimonial Section -

Here are the fields for the **Testimonials Section**:

### 1. Testimonial Background

- Input: File Upload

### 2. Testimonial 1

- **Image:** File Upload
- **Name:** Text Field
- **Feedback:** Text Area

### 3. Testimonial 2

- **Image:** File Upload
- **Name:** Text Field
- **Feedback:** Text Area

### 4. Testimonial 3

- **Image:** File Upload
- **Name:** Text Field
- **Feedback:** Text Area

The screenshot shows a web application interface for the 'TESTIMONIALS SECTION'. The header includes a logo 'Intelligent' and navigation links: Home, About Us, Pricing, Team, Sales Tester, and Contact Us. The main content area is titled 'TESTIMONIALS SECTION' with a subtitle 'Showcase real customer feedback to build trust and credibility with authentic positive experiences.' Below this, there are three testimonial forms. Each form starts with a 'TestimonialBg' label and a 'Choose File' button. The first form is labeled 'Testimonial 1 \*' and has a 'Choose File' button, a 'Name' text field, and a 'Feedback' text area. The second form is labeled 'Testimonial 2 \*' and has a 'Choose File' button, a 'Name' text field, and a 'Feedback' text area. The third form is labeled 'Testimonial 3 \*' and has a 'Choose File' button, a 'Name' text field, and a 'Feedback' text area. The footer contains a 'BACK' button, a list of links: COMPANY INFO, CONTACT INFO, HOME, SERVICES, TESTIMONIALS, SUBSCRIPTION, FAQS, POLICY, and a 'NEXT' button.

After filling up the Testimonial Section click on **NEXT**

## 8. Subscription Plans -

Here are the fields for the Subscription Plans section:

### Subscription 1

1. Subscription Heading
  - Input: Text Field
2. Select Class Types
  - Input: Dropdown (e.g., Monthly, Quarterly, Yearly)
3. India (INR)
  - Pricing and Billing: Number Field (e.g., 100)
  - India Availability: Radio Buttons
    - True
    - False
4. Service 1 Description
  - Input: Text Field
  - Button: "Add Service"

### Subscription 2

1. Subscription Heading
  - Input: Text Field
2. Select Class Types
  - Input: Dropdown (e.g., Monthly, Quarterly, Yearly)
3. India (INR)
  - Pricing and Billing: Number Field (e.g., 200)
  - India Availability: Radio Buttons
    - True
    - False
4. Service 1 Description
  - Input: Text Field
  - Button: "Add Service"

### Subscription 3

1. Subscription Heading
  - Input: Text Field
2. Select Class Types

- Input: Dropdown (e.g., Monthly, Quarterly, Yearly)
3. India (INR)
- Pricing and Billing: Number Field (e.g., 300)
  - India Availability: Radio Buttons
    - True
    - False
4. Service 1 Description
- Input: Text Field
  - Button: "Add Service"

## Add Subscription

- Button: Adds a new subscription section with the above fields.

**SUBSCRIPTION PLANS**

Clearly outline your subscription options, highlighting key features and benefits to help users make informed decisions.

**Subscription 1**

Subscription Heading

Select Class Types

Monthly

India (INR)

Pricing and Billing (e.g. 100)

India: ☒ True ☐ False

Service 1 Description

Add Service

**Subscription 2**

Subscription Heading

Select Class Types

Monthly


India (INR)

Pricing and Billing (e.g. 100)

BACK

COMPANY INFO CONTACT INFO HOME SERVICES TESTIMONIALS SUBSCRIPTION PRICING POLICY

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[Home](#) [About Us](#) [Pricing](#) [Team](#) [Sales Tester](#) [Contact Us](#)

Add Service

Subscription 2

Subscription Heading

Select Class Types

Monthly

India (INR)

Pricing and Billing (e.g.100)

India: ☒ True ☐ False

Service 1 Description

Add Service

Subscription 3

Subscription Heading

Select Class Types

Monthly

India (INR)

Pricing and Billing (e.g.100)

India: ☒ True ☐ False

Service 1 Description


Add Service

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[Home](#) [About Us](#) [Pricing](#) [Team](#) [Sales Tester](#) [Contact Us](#)

Subscription 3

Subscription Heading

Select Class Types

Monthly

India (INR)

Pricing and Billing (e.g.100)

India: ☒ True ☐ False

Service 1 Description

Add Service

Add Subscription

BACK

COMPANY INFOCONTACT INFOHOME

SERVICESTESTIMONIALSSUBSCRIPTIONPAGEPOLICY

NEXT

After filling up the Subscription Plan click on **NEXT**

## 9. FAQs Section -

Here are the fields for the FAQs Section:

1. FAQ 1
  - Question: Text Field
  - Answer: Text Area
2. FAQ 2
  - Question: Text Field
  - Answer: Text Area
3. FAQ 3
  - Question: Text Field
  - Answer: Text Area
4. FAQ 4
  - Question: Text Field
  - Answer: Text Area
  - Button: "Remove" (X)
5. FAQ 5
  - Question: Text Field
  - Answer: Text Area

Button: "Add FAQ" to add additional FAQ entries.

The screenshot shows a web application interface for the 'FAQs SECTION'. The header is black with the 'Intelligent' logo on the left and navigation links (Home, About Us, Pricing, Team, Sales Tester, Contact Us) on the right. The main content area has a light gray background. At the top, it says 'FAQs SECTION' in green, followed by a subtitle 'Address common inquiries efficiently, ensuring users find answers to their most pressing questions.' Below this, there are five FAQ entries, each with a title (FAQ 1 to FAQ 5) and two input fields: 'Question' and 'Answer'. FAQ 4 and FAQ 5 have a red 'X' icon next to them. At the bottom, there is a black bar with 'BACK' and 'NEXT' buttons, and a row of links: COMPANY INFO, CONTACT INFO, HOME, SERVICES, TESTIMONIALS, SUBSCRIPTION, FAQS, and POLICY.

FAQs SECTION

Address common inquiries efficiently, ensuring users find answers to their most pressing questions.

FAQ 1

Question

Answer

FAQ 2

Question

Answer

FAQ 3

Question

Answer

FAQ 4

Question

Answer

FAQ 5

Question

Answer

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TESTIMONIALS

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FAQS

POLICY

NEXT

After filling up the FAQs Section click on **NEXT**

## 10. Policy and Terms

Here are the fields for the **Policy and Terms** section:

### 1. About Us Background

- Input: File Upload (AboutUsBg)

### 2. Privacy Policy

- **Heading:** Text Field
- **Content:** Text Area
- Button: "Add Privacy Policy"

### 3. About Us

- **Heading:** Text Field
- **Content:** Text Area
- Button: "Add About Us"

### 4. Refund Policy

- **Heading:** Text Field
- **Content:** Text Area
- Button: "Add Refund Policy"

### 5. Terms and Conditions

- **Heading:** Text Field
- **Content:** Text Area
- Button: "Add Terms and Conditions"

The screenshot shows a web application interface for the 'POLICY AND TERMS' section. The header includes a navigation bar with links: Home, About Us, Pricing, Team, Submit Order, and Contact Us. The main content area is titled 'POLICY AND TERMS' with a subtitle 'Establish transparent guidelines, sharing policies and terms for clarity and understanding.' Below this, there are five sections, each with a heading input field, a content text area, and a button to add the policy. The sections are: 1. About Us Background (with a 'Choose File' button for the background image), 2. Privacy Policy, 3. About Us, 4. Refund Policy, and 5. Terms and Conditions. Each section has a red error indicator next to the heading field. The footer includes a 'BIO' logo and a 'CLIMAT' logo.

After filling up the FAQs Section click on **Submit**

## 11. Payment Page

On clicking on the submit button the user are redirected to the payment page

## Subscription Plans

Choose the perfect plan for your institution's website. Each plan is designed to meet your needs, from basic setups to advanced features, ensuring a seamless online presence.

### Advance Plan

- **₹5000.00**
  - Admin and User Member Panel
  - Complete Paperless Ecosystem
  - Cutting-edge Technology Implementation
  - Digital Marketing, Data Analysis, and SEO Integration
  - Efficient Data Management for Admins
  - Fast and Easy Page Loading
  - Google and Facebook Ads Management
  - Identity Management System
  - Professional Contact Us Page
  - Regular Website Maintenance
  - SSL Certificate for Secure Data Transmission
  - Stunning Static Website Design
  - Unlock the True Potential of Your Business
  - User-responsive and User-friendly Interface
  - Web Hosting Included
  - **[Add to Cart]**

### Basic Plan

- **₹1000.00**
  - Customization Options Available
  - Establish a Strong Online Presence
  - Fast and Easy Page Loading
  - Monthly Billing for Flexibility
  - Regular Website Maintenance
  - SSL Certificate for Secure Data Transmission
  - Stunning Static Website Design
  - User-responsive and User-friendly Interface
  - Web Hosting Included






- **[Go to Cart]**

## Standard Plan

- **₹2500.00**
  - Admin and User Member Panel
  - Cutting-edge Technology Implementation
  - Efficient Data Management for Admins
  - Fast and Easy Page Loading
  - Identity Management System
  - Professional Contact Us Page
  - Professional Dashboard for Members
  - Regular Website Maintenance
  - SSL Certificate for Secure Data Transmission
  - Stunning Static Website Design
  - User-responsive and User-friendly Interface
  - Web Hosting Included
  - Establish Strong Online Presence
  - **[Add to Cart]**

## Proceed to Payment

Once you've selected your preferred plan, click **[Go to Cart]** or **[Add to Cart]** to proceed with the subscription and make your payment.

Advance	Basic	Standard
<ul style="list-style-type: none"><li>✓ Admin and User Member Panel.</li><li>✓ Complete Paperless Ecosystems.</li><li>✓ Cutting-edge technology implementation.</li><li>✓ Digital Marketing, data Analysis and SEO Integration.</li><li>✓ Efficient data management for admins.</li><li>✓ Fast and easy page loading.</li><li>✓ Google and Facebook Ads Management.</li><li>✓ Identity Management System.</li><li>✓ Professional Contact Us page.</li><li>✓ Regular website maintenance.</li><li>✓ SSL certificate for secure data transmission.</li><li>✓ Stunning static website design.</li><li>✓ Unlock true potential of your business</li><li>✓ User-responsive and user-friendly interface.</li><li>✓ Web hosting included.</li></ul>	<ul style="list-style-type: none"><li>✓ Customization options available.</li><li>✓ Establish a strong online presence.</li><li>✓ Fast and easy page loading.</li><li>✓ Monthly billing for flexibility.</li><li>✓ Regular website maintenance.</li><li>✓ SSL certificate for secure data transmission</li><li>✓ Stunning static website design.</li><li>✓ User-responsive and user-friendly interface.</li><li>✓ Web hosting included.</li></ul>	<ul style="list-style-type: none"><li>✓ Admin and User Member Panel.</li><li>✓ Cutting-edge technology implementation.</li><li>✓ Efficient data management for admins.</li><li>✓ Fast and easy page loading.</li><li>✓ Identity Management System.</li><li>✓ Professional Contact Us page.</li><li>✓ Professional Dashboard for members .</li><li>✓ Regular website maintenance.</li><li>✓ SSL certificate for secure data transmission.</li><li>✓ Stunning static website design.</li><li>✓ User-responsive and user-friendly interface.</li><li>✓ Web hosting included.</li><li>✓ establish strong online presence.</li></ul>
<b>₹5000.00</b>	<b>₹1000.00</b>	<b>₹2500.00</b>
<a href="#">ADD TO CART</a> 	<a href="#">GO TO CART</a> 	<a href="#">ADD TO CART</a> 

## 2. Operations Phase

**User Type:** Operations Engineer

### Tasks and Steps:

#### 1. S3 Bucket Creation

- Create an S3 bucket.
- Naming Convention: Use the subdomain name() as the bucket name.

**<institution\_name>.happyprancer.com**

- Platform: AWS.

#### Create the S3 Bucket

First, log in to your AWS Console and select S3 from the list of services.

#### Select Create Bucket

1. Pick a name for your s3 bucket that should be the same as the sub-domain and select the region as US East (N. Virginia) Region.

**<institution\_name>.happyprancer.com**

Institution Type	Sub-domain formatting	Example
Dance Studio	<institution_name>.happyprancer.com	iconic.happyprancer.com
Dentist	<institution_name>.awsaiapp.com	nsg.awsaiapp.com
Cafe	<institution_name>.awsaiapp.com	tct.awsaiapp.com

**Create bucket** [Info](#)

Buckets are containers for data stored in S3.

**General configuration**

**AWS Region**  
US East (N. Virginia) us-east-1

**Bucket type** [Info](#)

☒ **General purpose**  
Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

☐ **Directory**  
Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

**Bucket name** [Info](#)  
betathechaitheka.awsaiapp.com  
Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

**Copy settings from existing bucket - optional**  
Only the bucket settings in the following configuration are copied.  
[Choose bucket](#)  
Format: s3://bucket/prefix

**Object Ownership** [Info](#)  
Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

2. In the permissions step, make sure to **uncheck Block all public access** if the bucket has public policies.
3. **Click Create bucket** on the review page to create the bucket.

**Block Public Access settings for this bucket**

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

☐ **Block all public access**  
Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

- ☐ **Block public access to buckets and objects granted through new access control lists (ACLs)**  
S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.
- ☐ **Block public access to buckets and objects granted through any access control lists (ACLs)**  
S3 will ignore all ACLs that grant public access to buckets and objects.
- ☐ **Block public access to buckets and objects granted through new public bucket or access point policies**  
S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.
- ☐ **Block public and cross-account access to buckets and objects through any public bucket or access point policies**  
S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

**Turning off block all public access might result in this bucket and the objects within becoming public**  
AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.

☒ I acknowledge that the current settings might result in this bucket and the objects within becoming public.

**Bucket Versioning**  
Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you

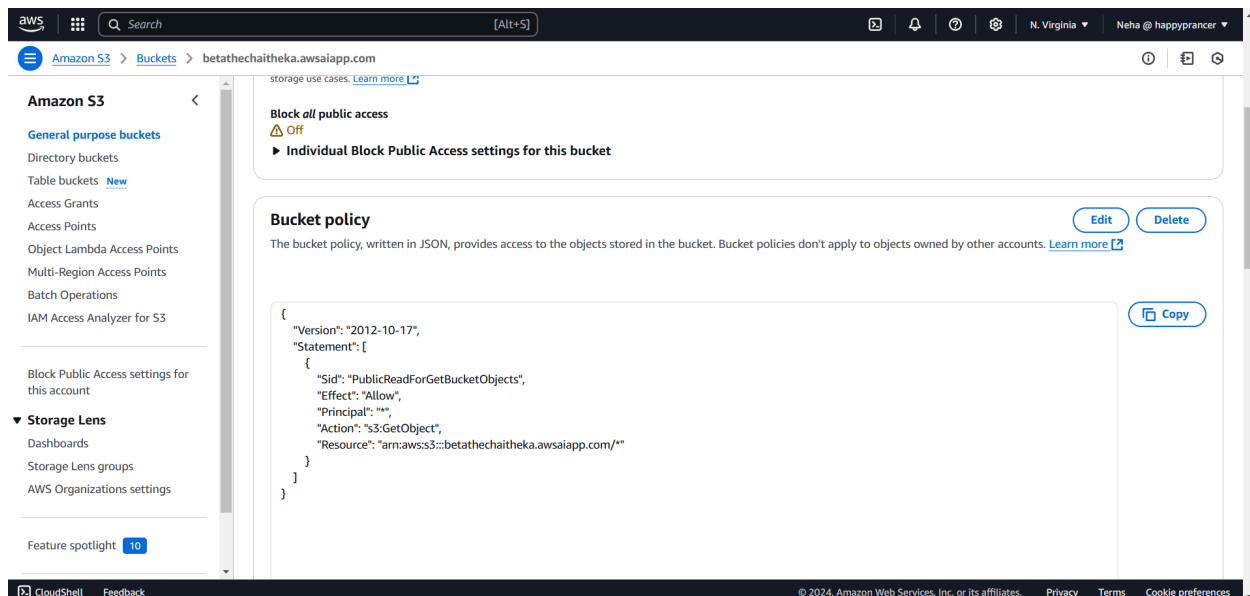
4. Now click on your newly created bucket from the list and navigate to its permissions panel by **clicking Permissions**.

## Add Permissions

5. Buckets by default are not publicly accessible, so we need to change the S3 Bucket Permission. Select the **Bucket Policy** from the permissions panel.

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "PublicReadForGetBucketObjects",
      "Effect": "Allow",
      "Principal": "*",
      "Action": ["s3:GetObject"],
      "Resource": ["arn:aws:s3:::<institution_name>.happyprancer.com/*"]
    }
  ]
}
```

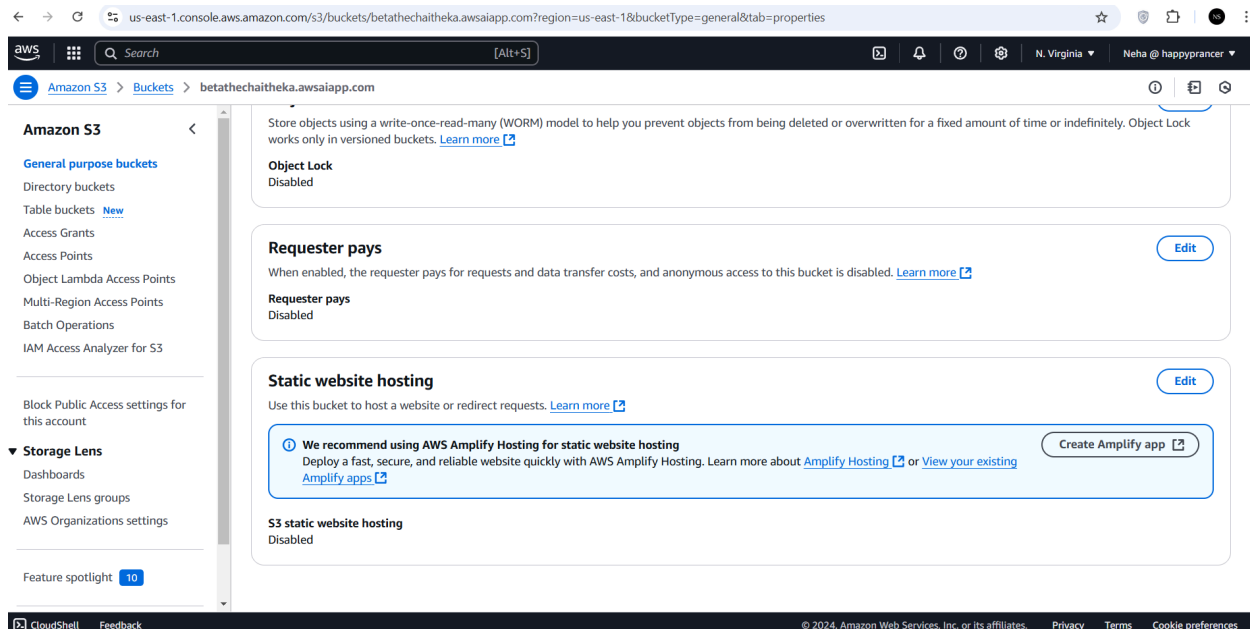
6. Add the following bucket policy into the editor. Where `<institution_name>.happyprancer.com` is the name of our S3 bucket. Make sure to use the name of your bucket here.



7. And hit **Save**.

## Enable Static Web Hosting

8. And finally we need to turn our bucket into a static website. Select the **Properties** tab from the top panel.

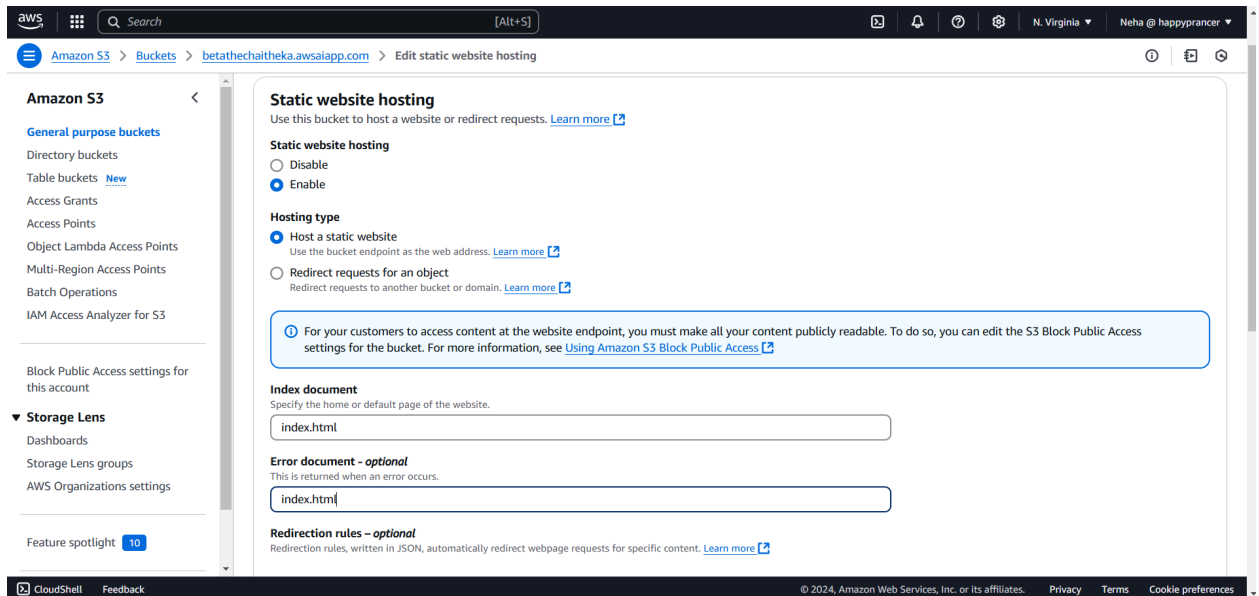


9. Select **Static website hosting**.

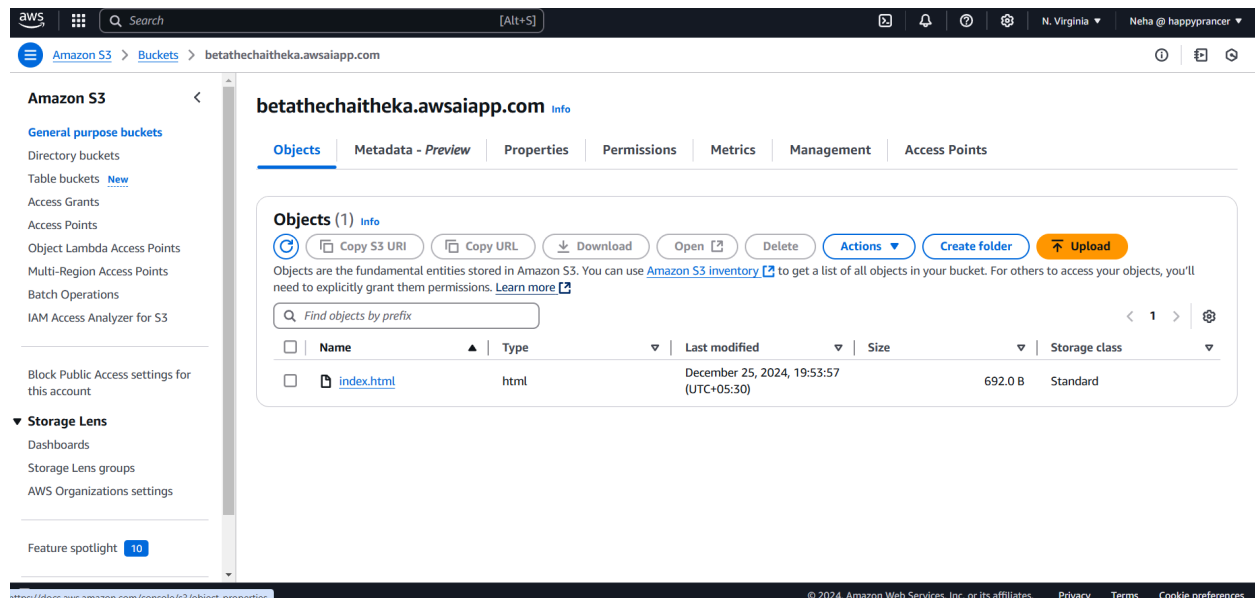
10. Now select **Use this bucket to host a website** and add our index.html as the **Index Document** and the **Error Document**. Since we are letting React handle 404s, we can simply redirect our errors to our index.html as well. Hit **Save** once you are done.

11. This panel also shows us where our app will be accessible. AWS assigns us a URL for our static website.

<institution\_name>.happyprancer.com



## 12. Now upload your index.html file in the s3 bucket



And the S3 Bucket will be created.

## 2. CloudFront Setup

- Configure CloudFront for the website.
- Naming Convention: Use the subdomain name as the distribution name.

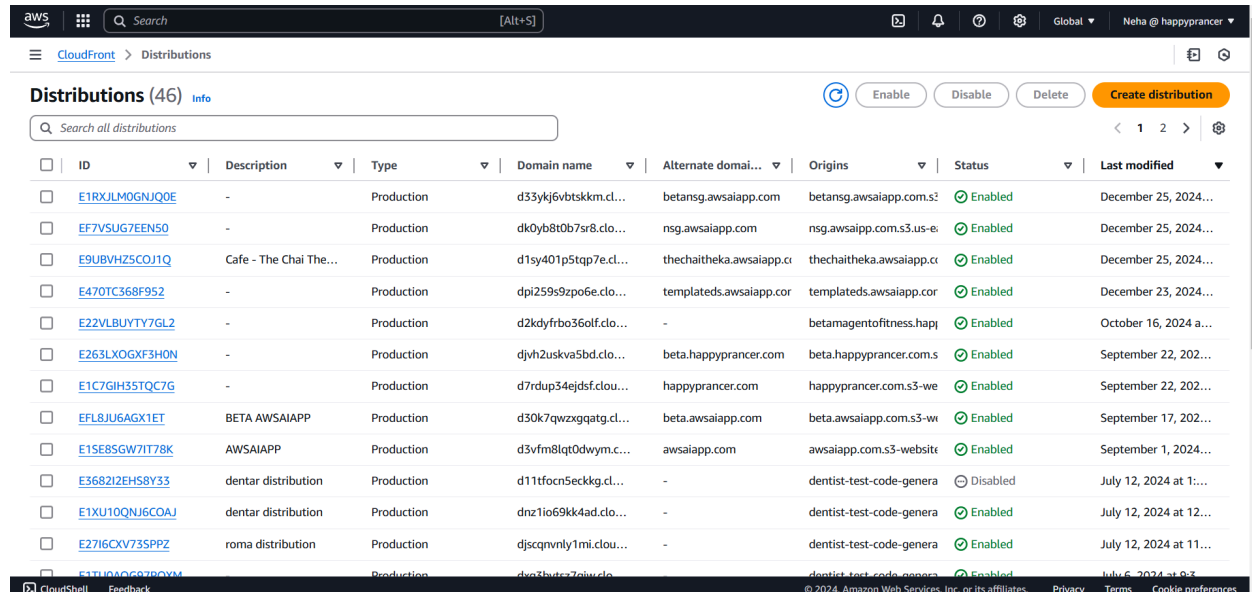
**<institution\_name>.happyprancer.com**

- Platform: AWS.

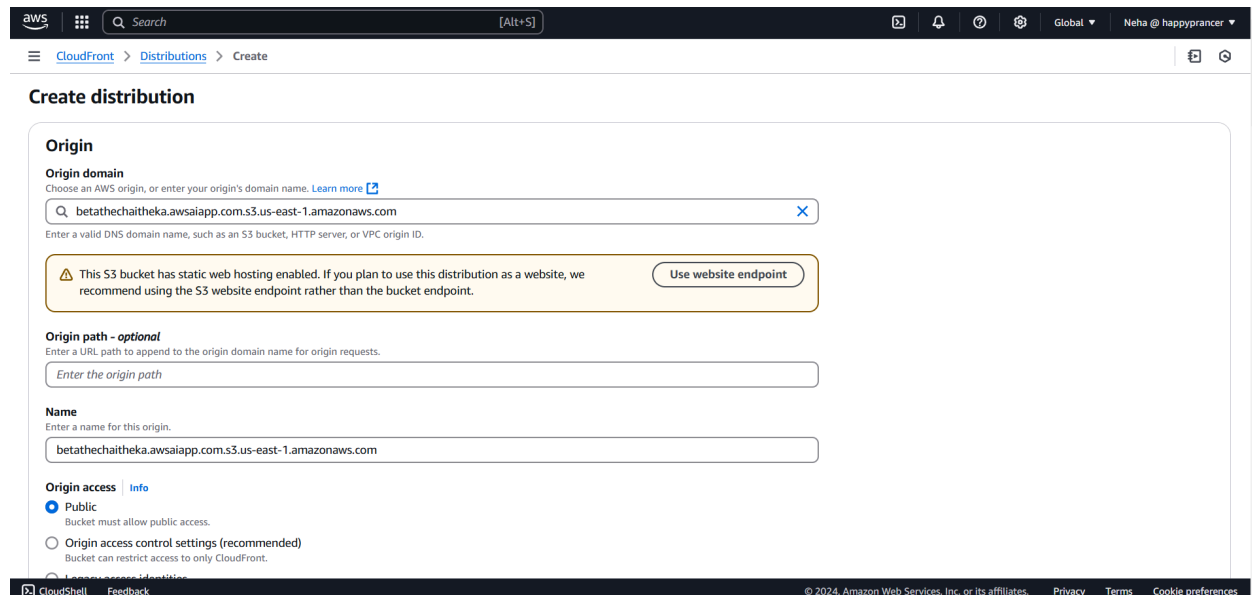
## Create a CloudFront Distribution

### Create Distribution

1. Select **CloudFront** from the list of services in your AWS Console. Then select **Create Distribution**.



2. Grab the S3 website endpoint from the Static website hosting panel for your S3 bucket.. Copy the URL in the Endpoint field and put it here.



3. Click on the **user website endpoint**.
4. Next, scroll down a bit further to set the **Default Root Object** to **index.html**.
5. Disable **WAF Web Application Firewall (WAF)**

And finally, hit **Create Distribution**.

6. Custom Error Responses - To set up a custom error response, head over to the **Error Pages** tab in our Distribution.

7. And select **Create Custom Error Response**.

The screenshot shows the AWS CloudFront console. At the top, there's a navigation bar with the AWS logo, a search bar, and user information. Below the navigation bar, the breadcrumb trail is 'CloudFront > Distributions > E223BF2G3VNP6'. A blue banner at the top of the main content area introduces the CloudFront Security Dashboard. Below this, the distribution name 'E223BF2G3VNP6' is displayed with a 'View metrics' button. The 'Error pages' tab is selected, showing a table with columns for 'HTTP error code', 'Minimum TTL (seconds)', 'Response page path', and 'HTTP response code'. The table is currently empty, with a message stating 'No error pages. You don't have any error pages.' and a 'Create custom error response' button.

8. Pick **404** for the **HTTP Error Code** and **Error caching minimum TTL** as **300** then select **Customize Error Response**. Enter **/index.html** for the **Response Page Path** and **200** for the **HTTP Response Code**.

The screenshot shows the 'Create custom error response' form in the AWS CloudFront console. The breadcrumb trail is 'CloudFront > Distributions > E223BF2G3VNP6 > Create error page response'. The form has several sections: 'Error response' with an 'info' link; 'HTTP error code' with a dropdown menu set to '400: Bad Request'; 'Error caching minimum TTL' with a text input field set to '300'; 'Customize error response' with radio buttons for 'No' and 'Yes' (selected); 'Response page path' with a text input field set to '/index.html'; and 'HTTP Response code' with a dropdown menu set to '200: OK'. At the bottom, there are 'Cancel' and 'Create custom error response' buttons.

9. And hit **Create**.



**CloudFront**

**Distributions**

E223BF2G3VNP6

**Introducing the CloudFront Security Dashboard**  
The new security tab is a unified place to configure, manage, and monitor security for your CloudFront distribution. The built-in dashboard gives you visibility into top security trends, allowed and blocked traffic, as well as visibility and controls for bots. CloudFront geographic restrictions are now part of the security dashboard.

**E223BF2G3VNP6** [View metrics](#)

**General** | Security | Origins | Behaviors | Error pages | Invalidations | Tags | Logging

**Details**

<b>Distribution domain name</b> d3jmgve1mgtatl.cloudfront.net	<b>ARN</b> arn:aws:cloudfront::922184331501:distribution/E223BF2G3VNP6	<b>Last modified</b> December 25, 2024 at 2:39:38 PM UTC
--	---	---

**Settings** [Edit](#)

<b>Description</b> -	<b>Alternate domain names</b> -	<b>Standard logging</b> Off
<b>Price class</b> Use all edge locations (best performance)		<b>Cookie logging</b> Off
<b>Supported HTTP versions</b> HTTP/2, HTTP/1.1, HTTP/1.0		<b>Default root object</b> index.html

© 2024, Amazon Web Services, Inc. or its affiliates. [Privacy](#) [Terms](#) [Cookie preferences](#)

### 3. Hosted Zone Configuration

- Set up the hosted zone for the domain.
- Naming Convention: Use the subdomain name for the hosted zone.

**<institution\_name>.happyprancer.com**

- Platform: AWS.

## 1. Create Zone using the Route 53 console

### 1. Create Hosted zone - In the navigation pane, choose **Hosted zones**.

The screenshot shows the AWS Route 53 console. The left navigation pane is open, showing the 'Hosted zones' option under the 'Route 53' section. The main content area displays a list of 25 hosted zones. The table has columns for Hosted zone name, Type, Created by, Record count, Description, and Hosted zone ID. The zones are listed in descending order of record count.

Hosted zone name	Type	Created by	Record count	Description	Hosted zone ID
awsaiapp.com	Public	Route 53	19	HostedZone create...	Z0564262DCVVC9...
beta.awsaiapp.com	Public	Route 53	6	-	Z01708541N4CMN...
betansg.awsaiapp.com	Public	Route 53	6	Dentist- Beta NSG	Z07825622XSWI7Q...
betatemplateds.awsaiapp.com	Public	Route 53	8	-	Z02309373HJ39E0...
cv.awsaiapp.com	Public	Route 53	5	Certificate Verificati...	Z0592714374H8GE...
nsq.awsaiapp.com	Public	Route 53	6	Dentist- NSG	Z09602732698R1...
payments.awsaiapp.com	Public	Route 53	6	Payment related to ...	Z087273814I8V89...
templateds.awsaiapp.com	Public	Route 53	8	-	Z05616587H3XMC...
thechaitheka.awsaiapp.com	Public	Route 53	6	For Cafe - The Chai ...	Z00687842YA5L65...
bworkzlive.com	Public	Route 53	20	-	Z07956592HJWPA...
beta.bworkzlive.com	Public	Route 53	6	Beta release of BW...	Z02857281XRF7AF...
happyprancer.com	Public	Route 53	29	HostedZone create...	Z06982873H10O5...
beta.happyprancer.com	Public	Route 53	6	Beta release of Hap...	Z0233341R84LQPR...
betaiconic.happyprancer.com	Public	Route 53	8	-	Z02358343EULX4N...
betalissome.happyprancer.com	Public	Route 53	8	-	Z0243093XCW5W4...
betamagentofitness.happypra...	Public	Route 53	4	-	Z076588826RMF36...

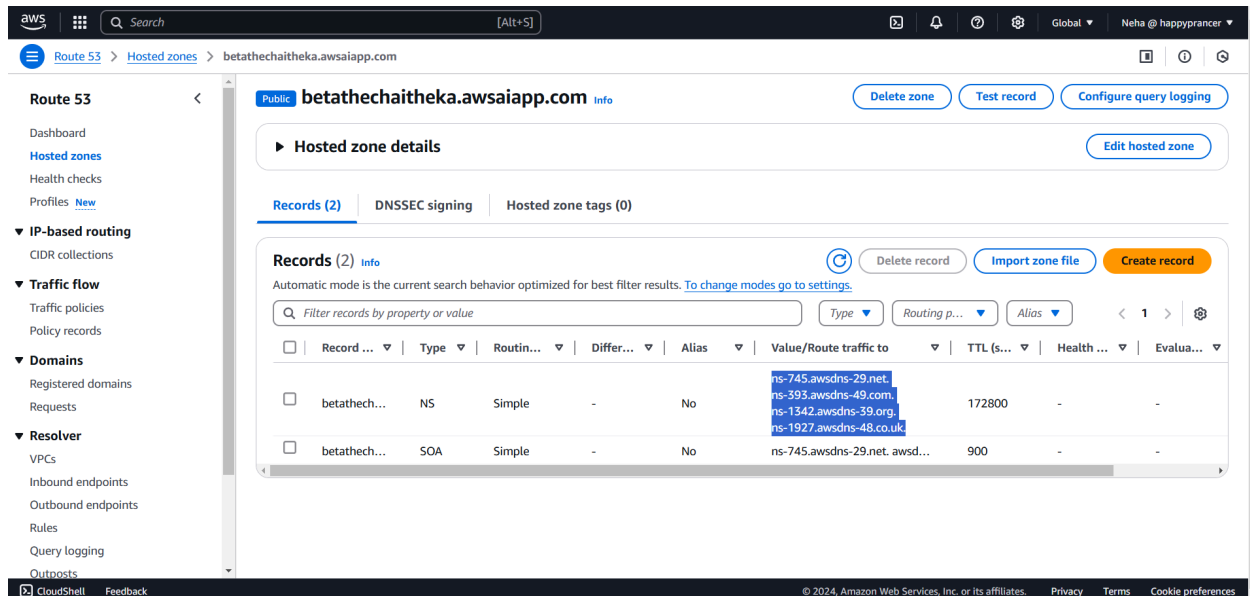
### 2. Write the **Sub-domain name** and a suitable description for it and hit **create**.

The screenshot shows the 'Create hosted zone' form in the AWS Route 53 console. The form is titled 'Hosted zone configuration' and includes the following fields:

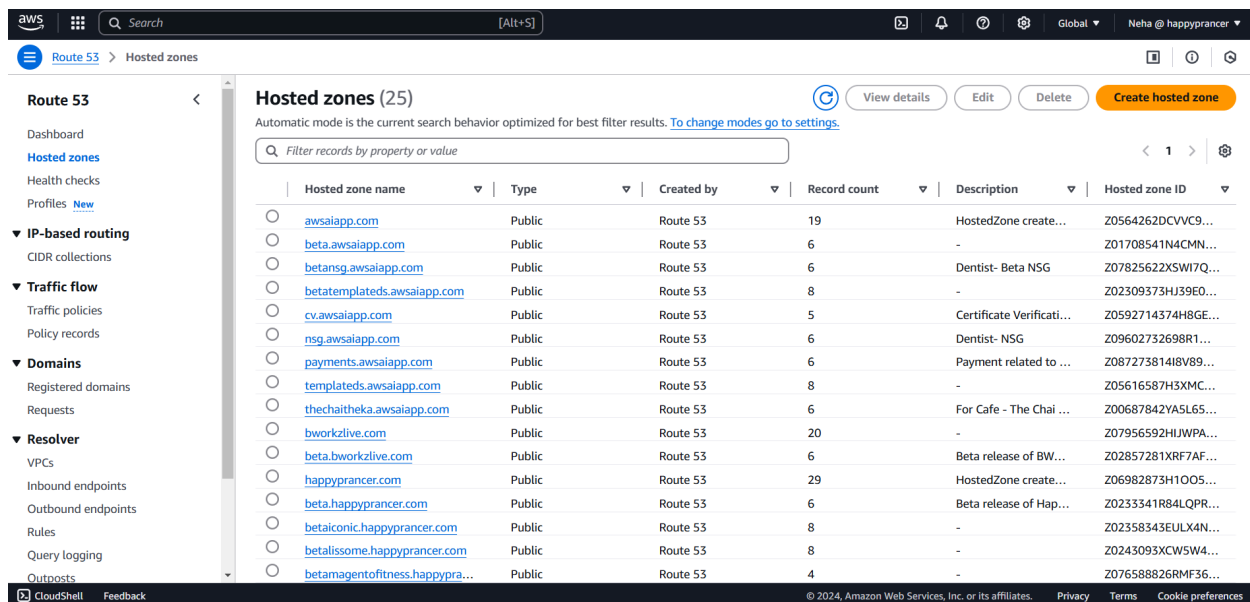
- Domain name:** betathechaitheka.awsaiapp.com
- Description - optional:** The Chai Theka- beta
- Type:** Public hosted zone (selected)

The form also includes a 'Tags' section at the bottom, which is currently empty.

### 3. Move to the hosted zone created and **copy the value/route traffic**.



4. Go back to the hosted zone page.



## 5. Create Record

On the Hosted zones page, choose the name of the hosted zone that you want to create records in.

In our case it is **happypracner.com** . Choose **Create record**.

6. Fill the **record name** and choose **record type as NS-Name servers** for a hosted zone then simply **paste the copied value /route traffic** in the value section then **hit create**.

#### 4. SSL Certificate Issuance

- Issue an SSL certificate for secure access.
- Naming Convention: Use the subdomain name for the certificate.

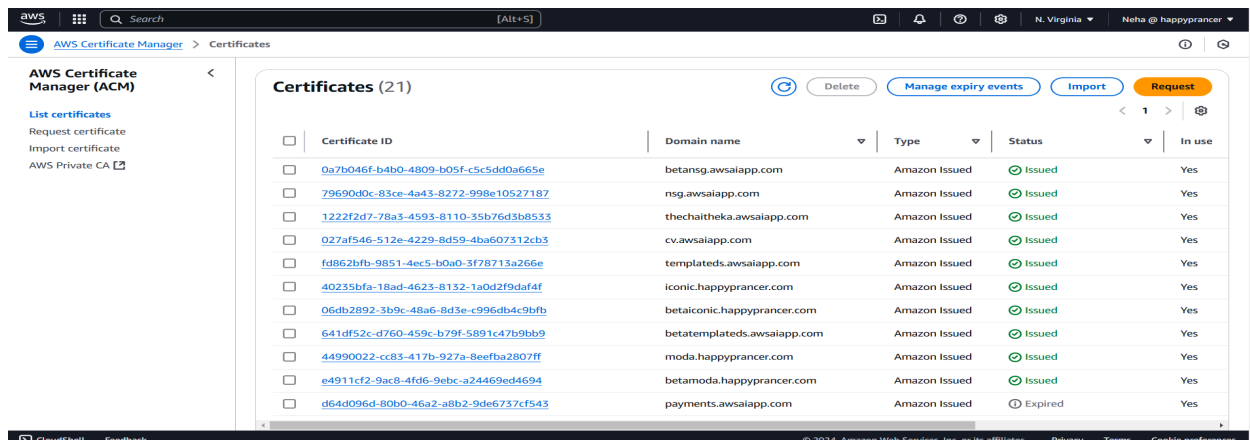
**<institution\_name>.happyprancer.com**

- Platform: AWS.

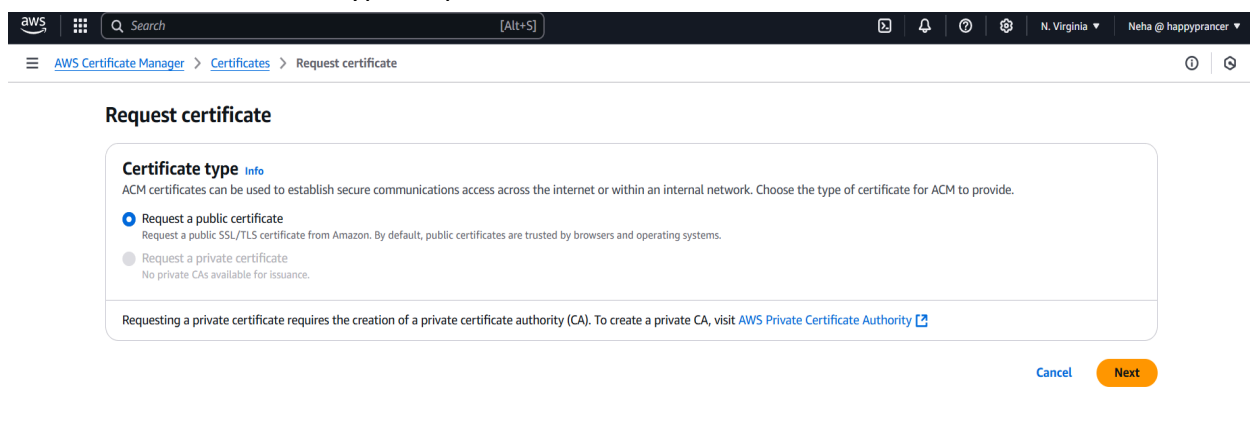
### Set up a Custom Domain With SSL

#### Certificate Manager

1. Select **Certificate Manager** from the list of services in your AWS Console. And hit **Request**.



2. Let the Certificate type be public and hit **NEXT**.



3. Type in the **name of the sub-domain <institution\_name>.happyprancer.com**. Hit **Add another name** to this certificate and add our www version of our domain as well. Hit **request** once you are done.

**Request public certificate**

**Domain names**  
Provide one or more domain names for your certificate.

**Fully qualified domain name** [Info](#)

betathechaitheka.awsaiapp.com [Remove](#)

www.betathechaitheka.awsaiapp.com [Remove](#)

[Add another name to this certificate](#)

You can add additional names to this certificate. For example, if you're requesting a certificate for "www.example.com", you might want to add the name "example.com" so that customers can reach your site by either name.

**Validation method** [Info](#)  
Select a method for validating domain ownership.

☒ **DNS validation - recommended**  
Choose this option if you are authorized to modify the DNS configuration for the domains in your certificate request.

☐ **Email validation**  
Choose this option if you do not have permission or cannot obtain permission to modify the DNS configuration for the domains in your certificate request.

**Key algorithm** [Info](#)  
Select an encryption algorithm. Some algorithms may not be supported by all AWS services.

- On the validation screen expand the two domains we are trying to validate.
- Hit **Create record in Route 53**.

**AWS Certificate Manager (ACM)**

List certificates  
Request certificate  
Import certificate  
AWS Private CA

**Successfully requested certificate with ID 23eb3e80-c752-4dca-b0e3-ba4ec038189b**  
A certificate request with a status of pending validation has been created. Further action is needed to complete the validation and approval of the certificate. [View certificate](#)

**23eb3e80-c752-4dca-b0e3-ba4ec038189b** [Delete](#)

**Certificate status**

**Identifier**  
23eb3e80-c752-4dca-b0e3-ba4ec038189b

**ARN**  
arn:aws:acm:us-east-1:922184331501:certificate/23eb3e80-c752-4dca-b0e3-ba4ec038189b

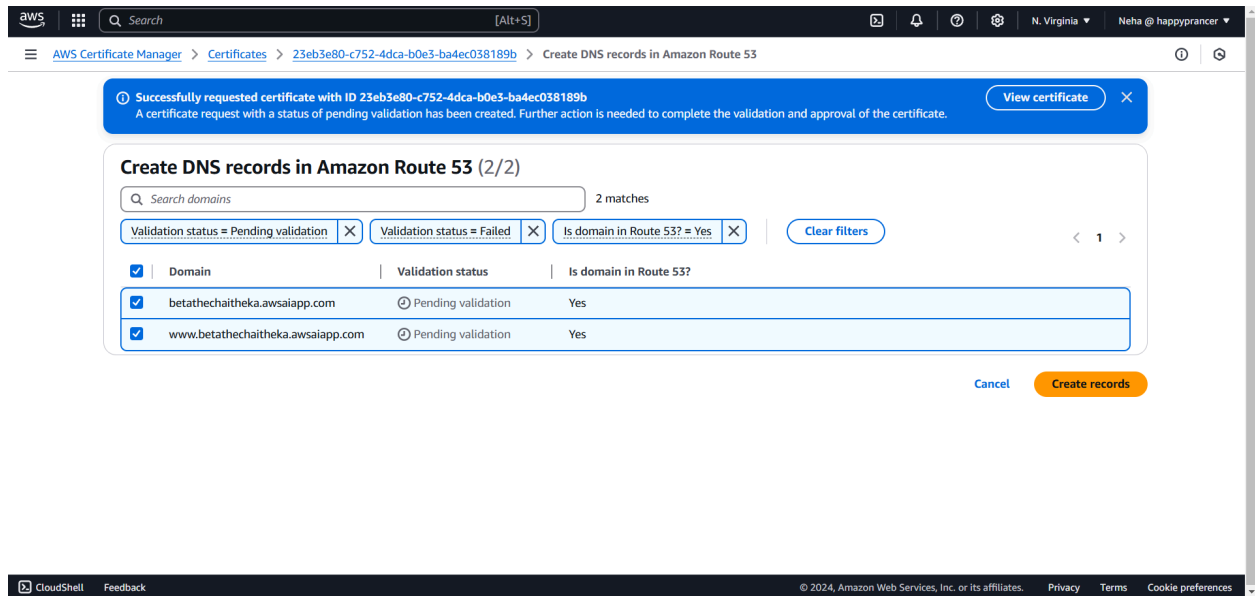
**Type**  
Amazon Issued

**Status**  
[Pending validation](#) [Info](#)

**Domains (2)** [Create records in Route 53](#) [Export to CSV](#)

Domain	Status	Renewal status	Type	CNAME name
betathechaitheka.awsaiapp.com	<a href="#">Pending validation</a>	-	CNAME	_c1d487c03376847378b3778da6020a3f.betath...

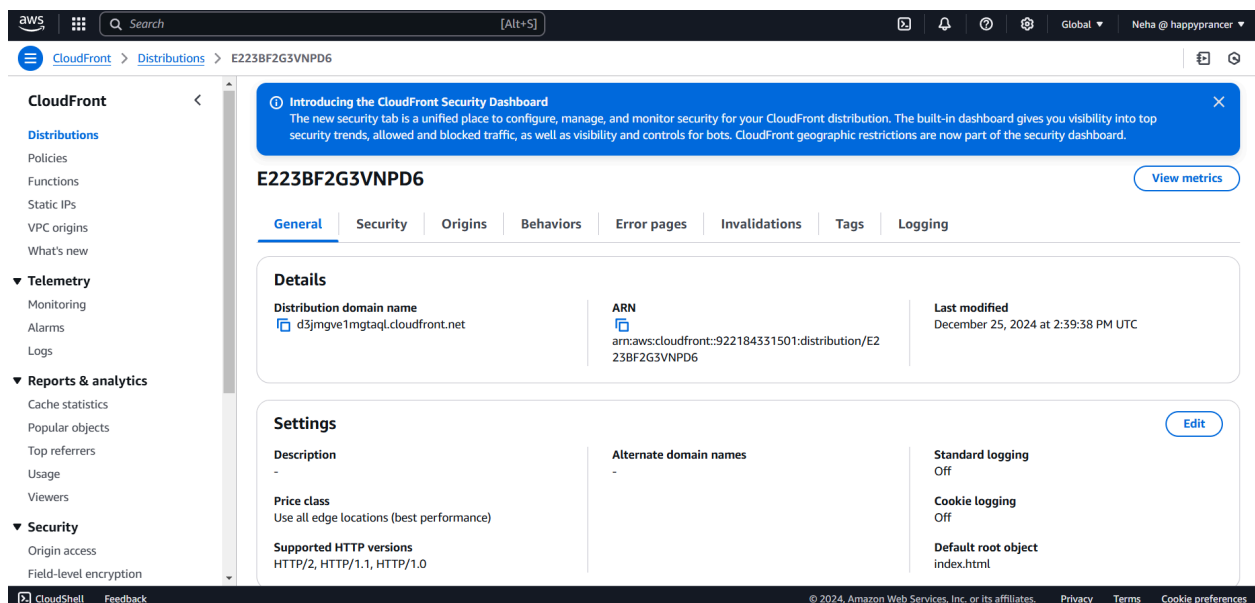
- Here make sure the domain in route 53 should be YES. And Hit **Create Records**.



## Set up Your Domain with CloudFront

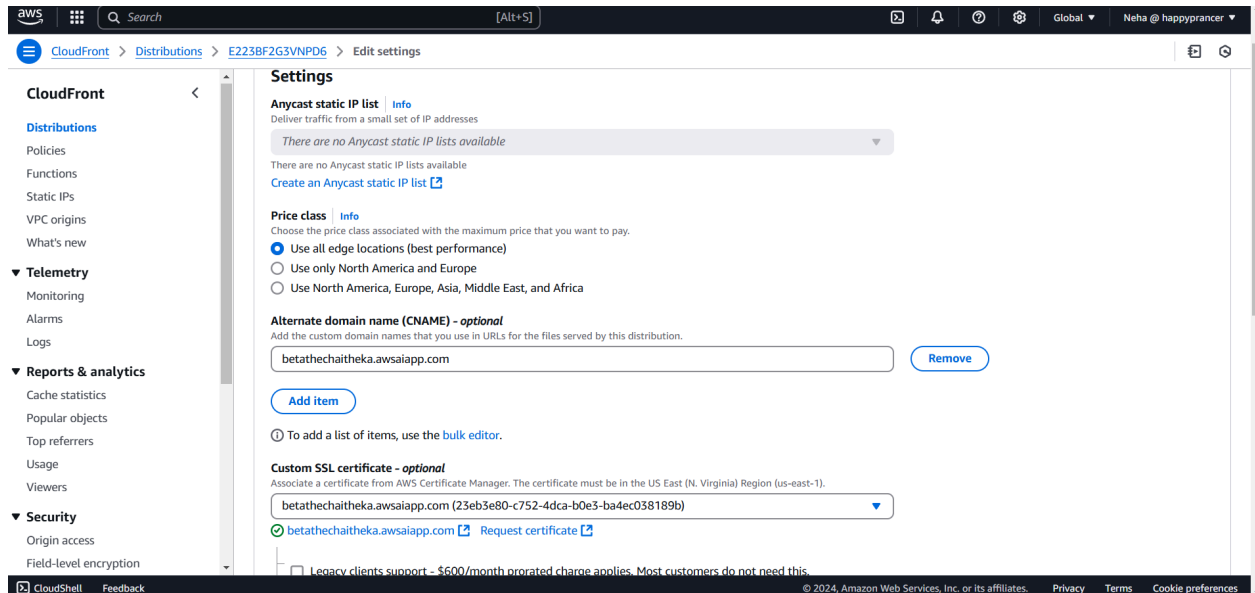
### Add Alternate Domain for CloudFront Distribution

1. Head over to the details of your CloudFront Distribution and hit **Edit**.

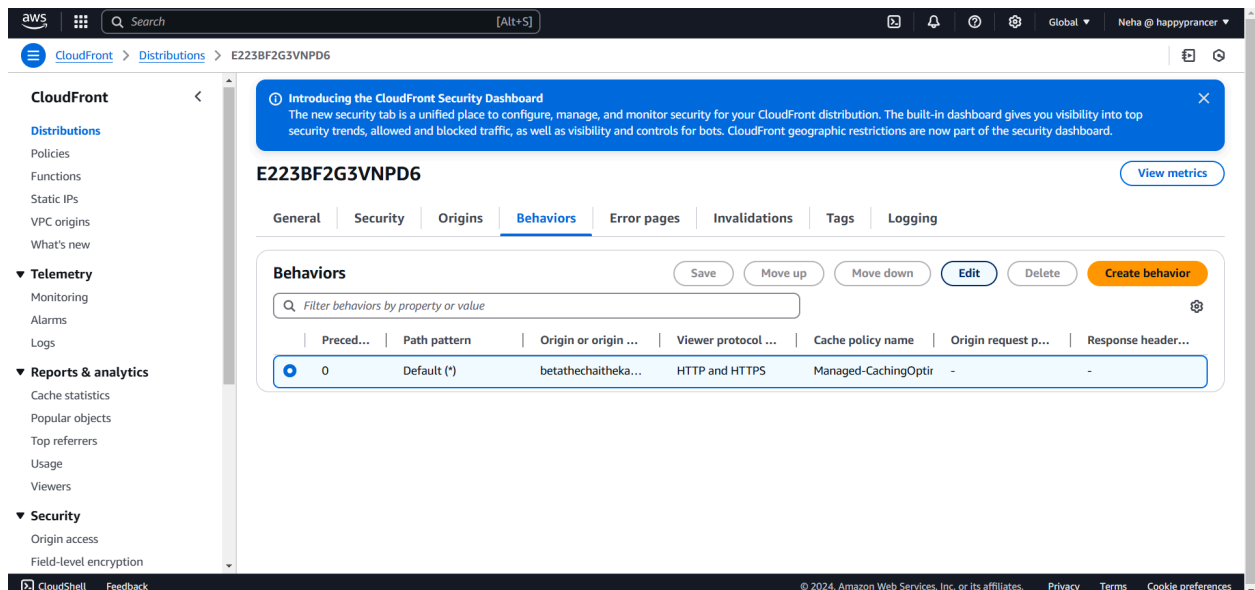


2. And type in your new domain name in the **Alternate Domain Names (CNAMEs)** field.

- Now switch the **SSL Certificate** to **Custom SSL Certificate** and select the certificate we just created from the drop down. And scroll down to the bottom and hit **Yes, Edit**

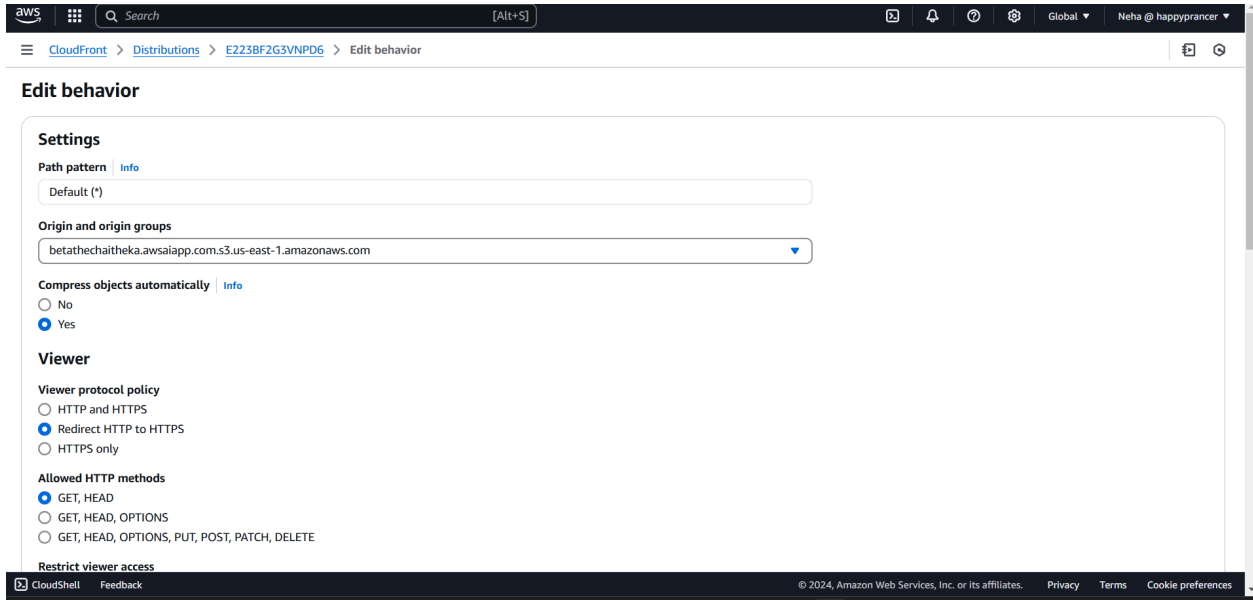


- Next, head over to the **Behaviors** tab from the top. And select the only one we have and hit **Edit**.



- Then switch the Viewer **Protocol Policy** to **Redirect HTTP to HTTPS**. And scroll down to the bottom and hit **Yes, Edit**



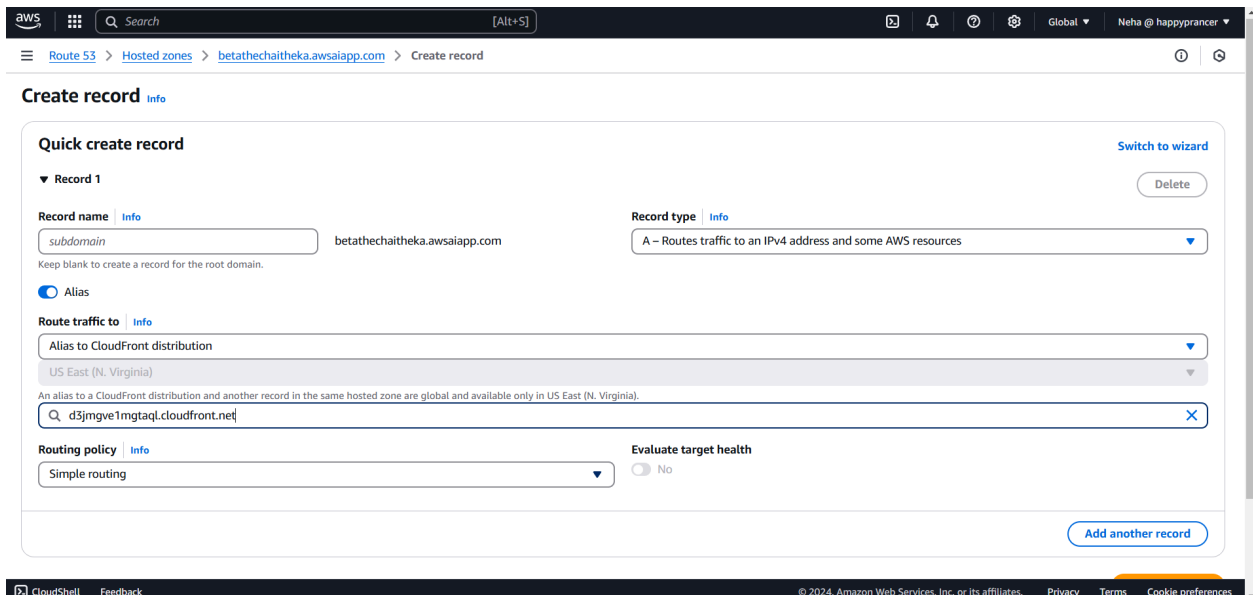


## Point Domain to CloudFront Distribution

- Head back into Route 53 and hit the Hosted Zones button. Select your domain from the list and hit **Create Record Set** in the details screen.

## Add IPv4 Support

- Leave the Name field empty** since we are going to point our bare domain (without the www.) to our CloudFront Distribution.
- And **select Alias as Yes** since we are going to simply point this to our CloudFront domain.



- In the Alias Target dropdown, **select your CloudFront Distribution**.

Finally, hit Create to add your new record set.

## Add IPv6 Support

10. Create a new Record Set with the exact settings as before, except make sure to pick AAAA - IPv6 address as the Type.

And hit **Create** to add your AAAA record set.

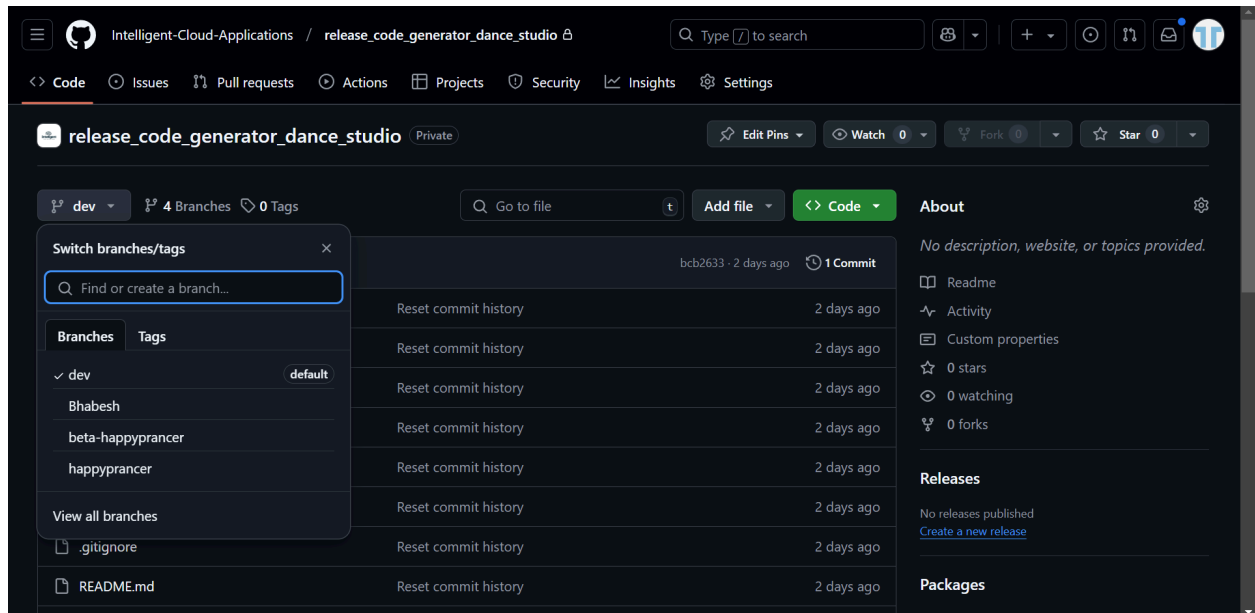
The screenshot shows the AWS Route 53 'Create record' wizard. The 'Record name' is 'subdomain' and the 'Record type' is 'AAAA - Routes traffic to an IPv6 address and some AWS resources'. The 'Route traffic to' is 'Alias to CloudFront distribution' with 'US East (N. Virginia)' selected. The 'Routing policy' is 'Simple routing'. The 'Evaluate target health' is set to 'No'. The 'Add another record' button is at the bottom right.

For the `<institution_name>.happyprancer.com` domain name -

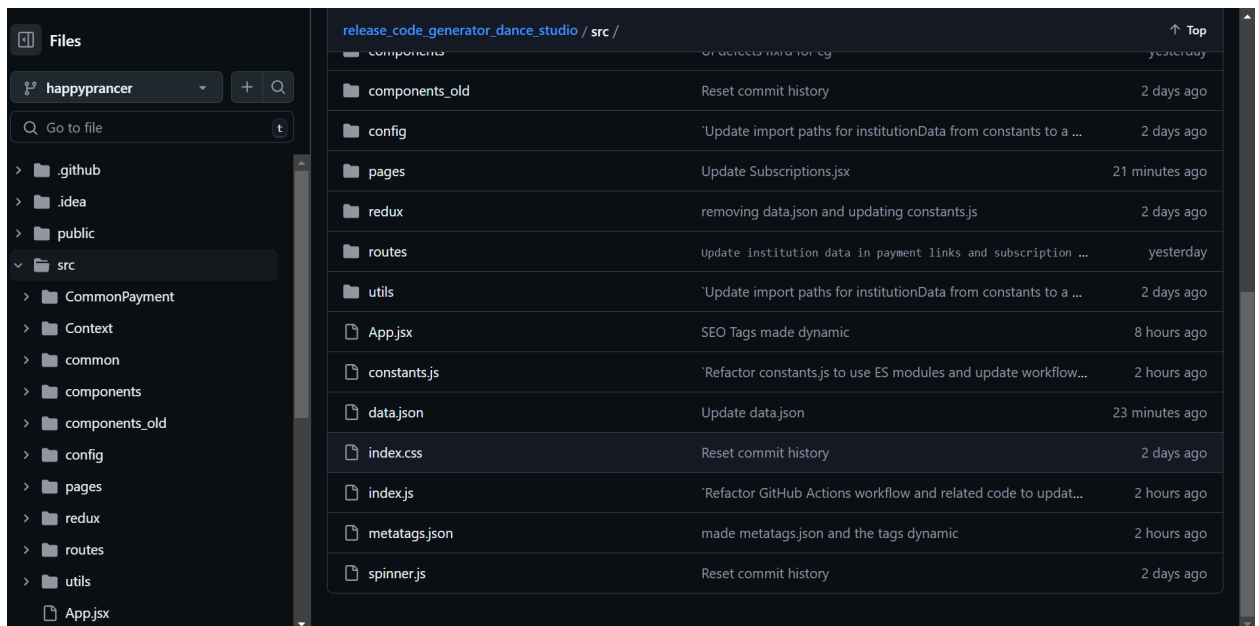
Just create the s3 bucket and cloud front for `www.<institution_name>.happyprancer.com` and add the alternate name to the cloudfront so that the `www<institution_name>.happyprancer.com` will redirect the user to the `<institution_name>.happyprancer.com` website.

## 5. Branch Creation

- Create a GitHub branch for the project.
- Naming Convention: Use the institution name as the branch name.
- Platform: GitHub.

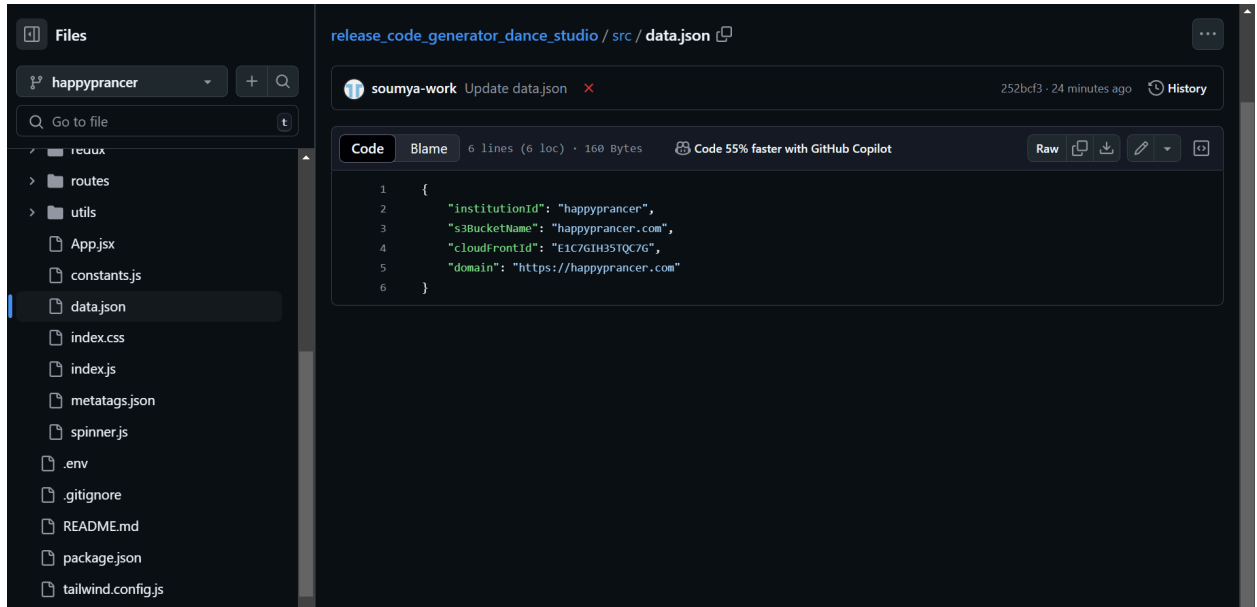


1. Go to the git repo - [https://github.com/Intelligent-Cloud-Applications/release\\_code\\_generator\\_dance\\_studio](https://github.com/Intelligent-Cloud-Applications/release_code_generator_dance_studio)
2. Create a new branch as per the institution name which by default pulls the codes of the default branch.



6. Modify **data.json**
  - Update **data.json** with the institution name, S3, and CloudFront details.
  - Platform: GitHub.
1. Go to **data.json** change the following

```
"institutionId": "happyprancer",  
"s3BucketName": "happyprancer.com",  
"cloudFrontId": "E1C7GIH35TQC7O",  
"domain": "https://happyprancer.com"
```



2. Check if the workflow is completed successfully
3. If successfully completed then the website will be live.
4. Just verify the site once.
7. **Update Deliverable Status**
  - Add the website link to AWSAIAPP and mark the status as deliverable.
  - Naming Convention: Use the subdomain name for the project link.

**<institution\_name>.happyprancer.com**

- Platform: AWSAIAPP.

### 3. Sales Phase (Verification and Delivery)

**User Type:** Sales Engineer

- Task: Verify the website link and deliver the website to the client.
- Details: Ensure the link is functional and meets client requirements.
- Platform: AWSAIAPP.