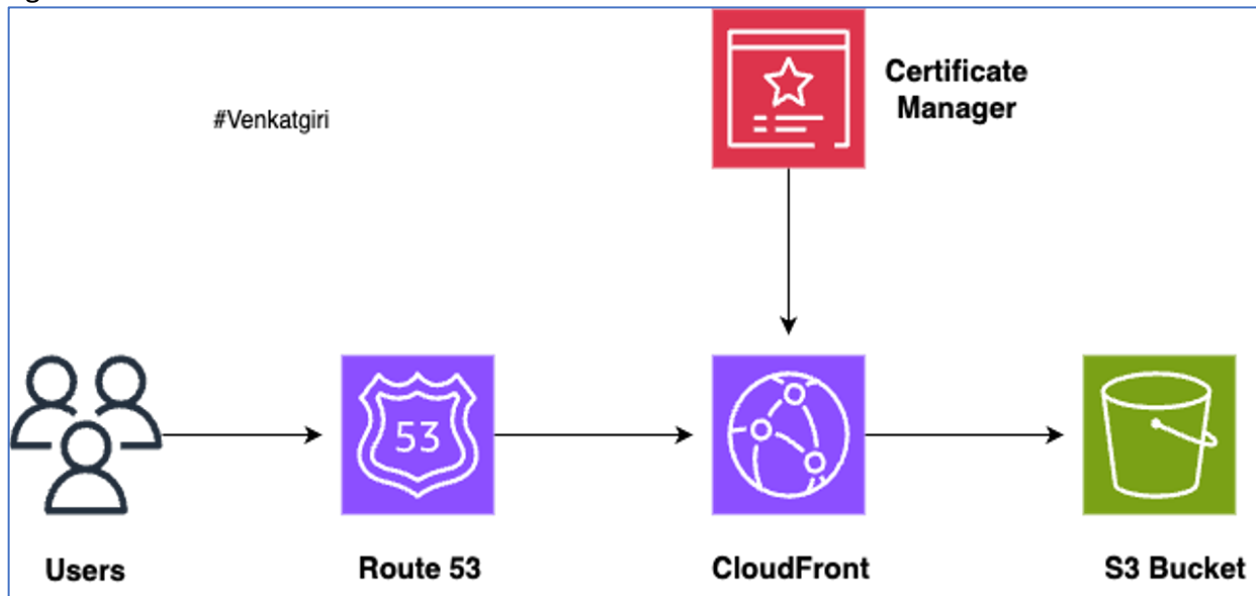


# Cloud Fundamentals Project

Agenda:



1. We are creating a static website that is fully functional with global reach. The website can be your portfolio or any other website. The choice is yours.
2. We must use **all the above AWS services** as shown in the diagram for this project. For the Domain Names, we are using hostinger.com.

Pre-requisites:

- 1) AWS Account is Required. If you have one already, use it. Otherwise, create an account with UTD email address or with google mail that has your full name (Firstname + LastName). The same account can be used for the entire course.
- 2) Purchase a domain from hostinger.com as they offer affordable domains when you compare with AWS domain name services.

From AWS,

Search result		
Domain	Price/year	
venkatgirisasanapuri.cloud <span>Exact match</span>	25.00 USD	<a href="#">Select</a>

# Cloud Fundamentals Project

From Hostinger,

**venkatagirisasanapuri.cloud**

**.CLOUD Domain Registration**  
Registration renews at \$18.99/year on 12/01/2025

Period  
**1 year**

SAVE 95%

**\$0.99**  
~~\$18.99~~

FREE domain privacy protection included ⓘ

**\$0.00**

3) The domain name can be your net-id or full name.

a) On the hostinger.com homepage, choose **Domains** from the menu options.

The screenshot shows the Hostinger homepage with the 'Domains' menu option highlighted in a yellow box. The navigation bar includes the Hostinger logo, language selection (English), and links for WordPress, Website Builder, Hosting, Pro, Domains, and Log in. A promotional banner at the top says 'Don't miss limited-time savings: Claim deal now >'. The URL bar shows 'hostinger.com'.

b) On the search bar, type your full name and search for the available domains. You can choose the cheapest option available. I would go with something that is cheaper and meaningful.

✓ venkatagirisasanapuri.site	SAVE 97%	<del>\$32.99</del> <b>\$0.99/yr</b>	Add to Cart
✓ venkatagirisasanapuri.website	SAVE 96%	<del>\$25.99</del> <b>\$0.99/yr</b>	Add to Cart
✓ venkatagirisasanapuri.blog	SAVE 83%	<del>\$29.99</del> <b>\$4.99/yr</b>	Add to Cart
✓ venkatagirisasanapuri.cloud	SAVE 95%	<del>\$18.99</del> <b>\$0.99/yr</b>	Add to Cart

c) Choose one and **add to cart**. Verify that the period chosen is 1 year. Create the Hostinger account. If we use the same email which was used to create AWS account, we will have an additional option to do the **email validation** for the AWS Certificate Manager. Make the payment and That's it. You owned a domain name now.

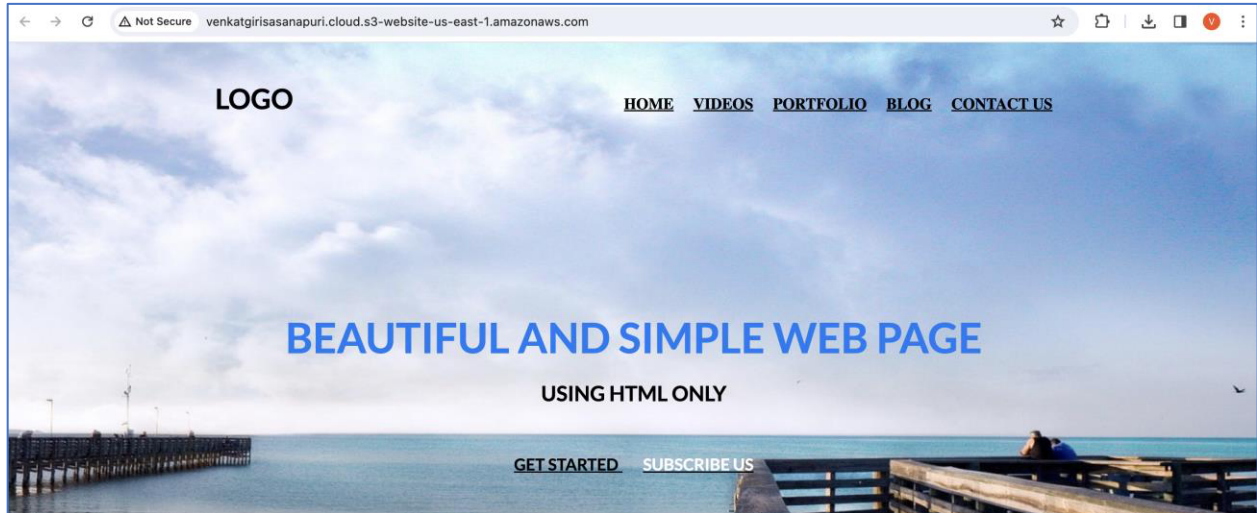
# Cloud Fundamentals Project

Steps:

1. Static Website.
  - a) Create a static website using s3.
  - b) The name of the bucket can be domain name that you bought from hostinger.

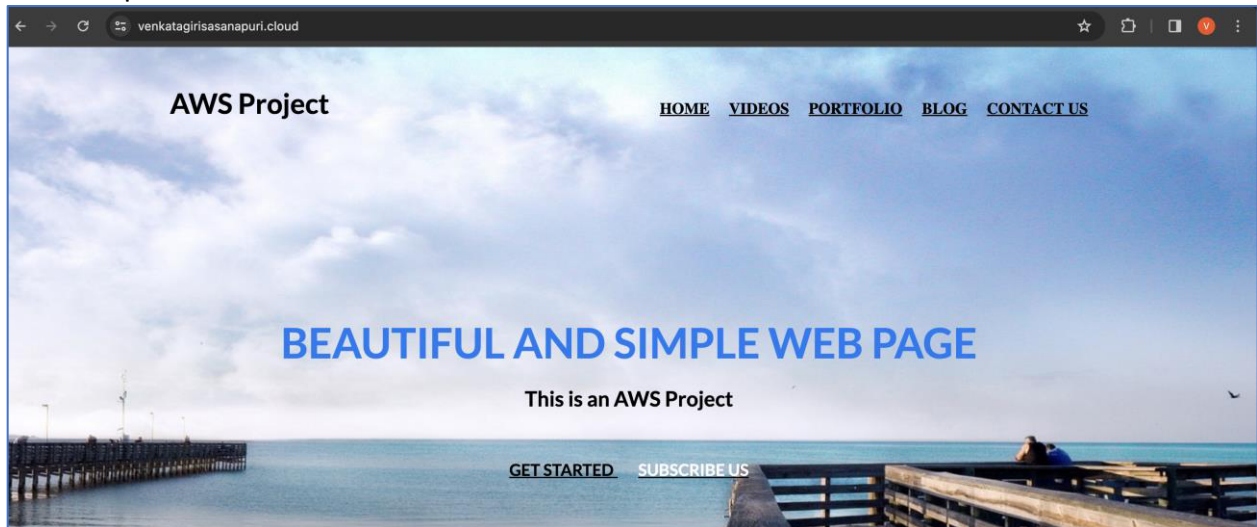
For Ex: The bucket name is: **venkatgirisasanapuri.cloud**

Expectation: When I hit the static URL, I can see a webpage in the browser as shown below.



2. Create a certificate from the Amazon Certificate Manager for the DNS purchased at hostinger website.
3. Create a Cloudfront Distribution.
4. Create a hosted zone in the Route 53 and do the necessary steps to accomplish the project.

Final Output:



# Cloud Fundamentals Project