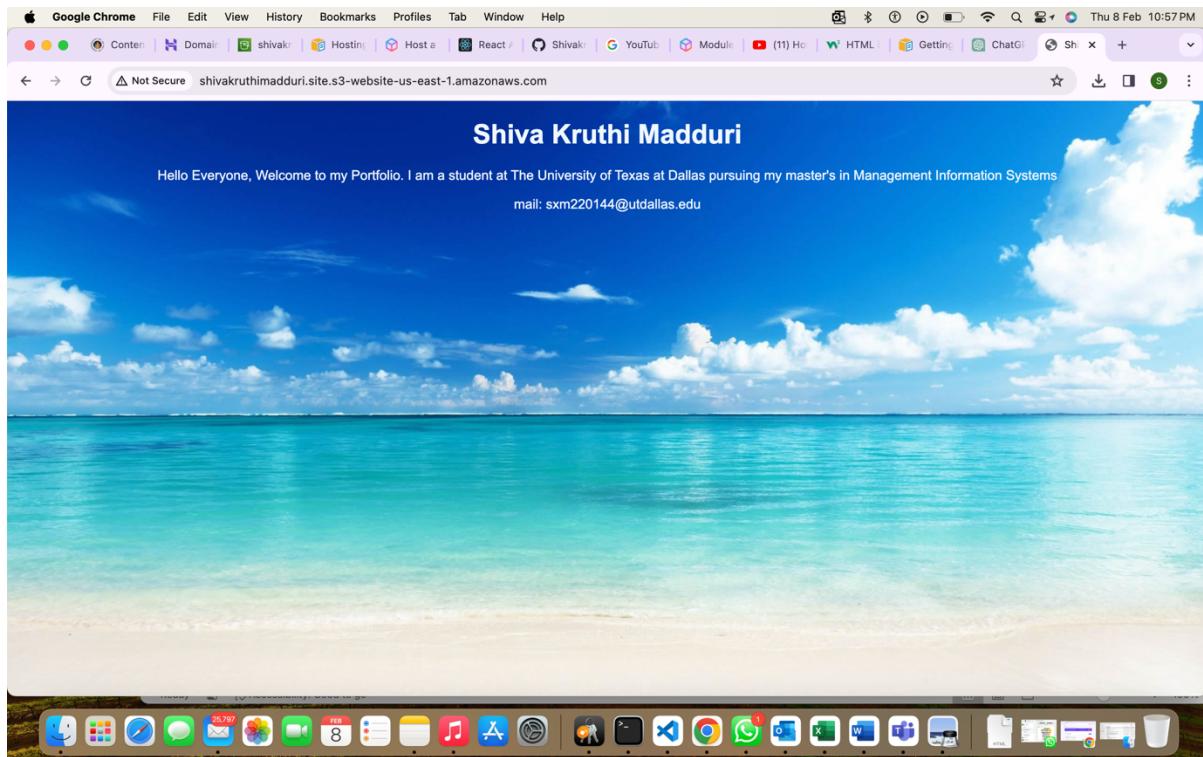


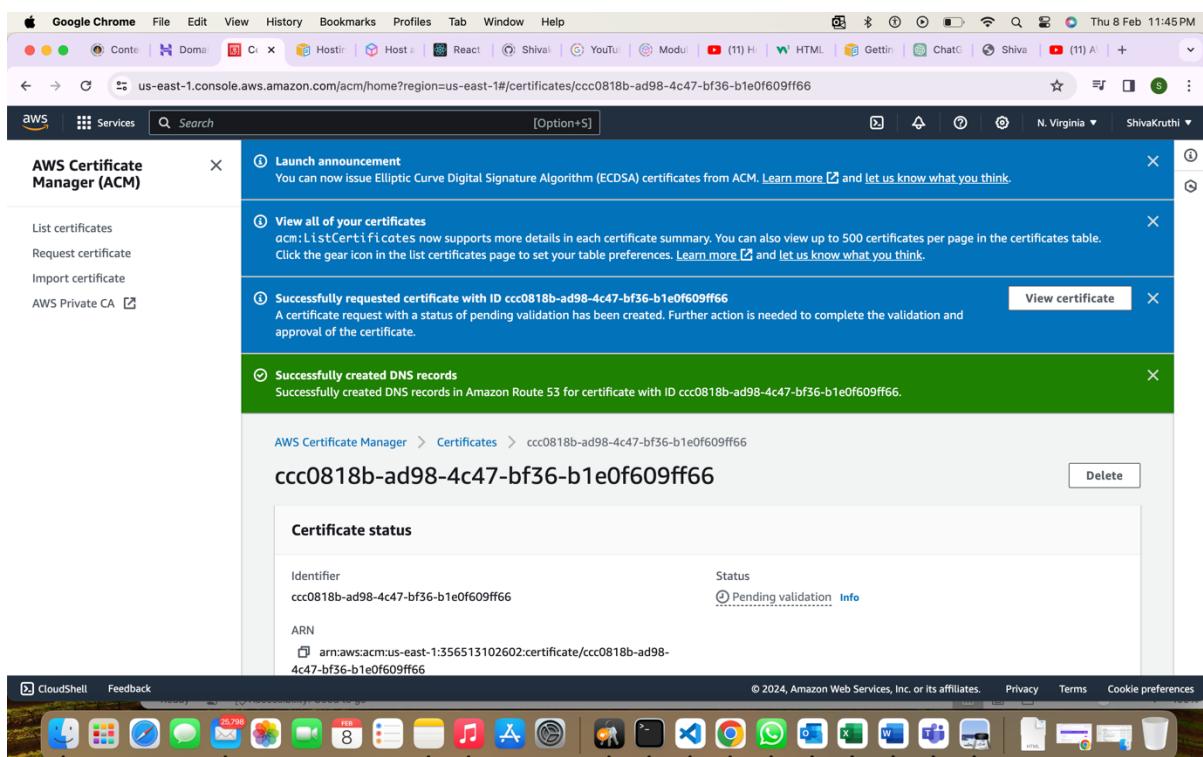
CLOUD SPECIAL LAB

Step1: Create a static website using S3.

Website URL: <http://shivakruthimadduri.site.s3-website-us-east-1.amazonaws.com>



Step 2: Creating a Certificate from Amazon Certificate Manager



The screenshot shows the AWS Certificate Manager (ACM) interface in Google Chrome. The left sidebar has options like 'List certificates', 'Request certificate', 'Import certificate', and 'AWS Private CA'. The main area shows a table of certificates with one entry:

Certificate ID	Domain name	Type	Status	In use	Renewal eligibility	Key algorithm
ccc0818b-ad98-4c47-bf36-b1e0f609ff66	shivakruthimadduri.site	Amazon Issued	Pending validation	No	Ineligible	RSA 2048

The status 'Pending validation' is highlighted in blue. The bottom of the window shows the Mac OS X dock with various application icons.

The screenshot shows the AWS Certificate Manager (ACM) interface in Google Chrome after a deletion. A green success message at the top states: 'Successfully deleted certificate' and 'You have successfully deleted 1 certificate from your account in AWS Certificate Manager.' The main table now shows the same certificate entry with a green 'Issued' status.

Certificate ID	Domain name	Type	Status	In use	Renewal eligibility	Key algorithm
ccc0818b-ad98-4c47-bf36-b1e0f609ff66	shivakruthimadduri.site	Amazon Issued	Issued	No	Ineligible	RSA 2048

The bottom of the window shows the Mac OS X dock with various application icons.

AWS Certificate Manager (ACM)

Certificate status

Identifier	ccc0818b-ad98-4c47-bf36-b1e0f609ff66	Status	Issued
ARN	arn:aws:acm:us-east-1:356513102602:certificate/ccc0818b-ad98-4c47-bf36-b1e0f609ff66		
Type	Amazon Issued		

Domains (2)

Domain	Status	Renewal status	Type	CNAME name	CNAME value
shivakruthimadduri.site	Success	-	CNAME	_db508e9f1d9a861f6de1ca84c108f027.shivakruthimadduri.site.	_8a53b2a75ca22bb8ff727c37632a54d.mhbtspdn.acm-validations.aws.
www.shivakruthimadduri.site	Success	-	CNAME	_c3107e390e954996c5e9d3fa8d069891.www.shivakruthimadduri.site	_b21af2d02b2b25af106ffddc22850fa9.mhbtspdn.acm-validations.aws.

Route 53

Hosted zones

Route 53 > Hosted zones > shivakruthimadduri.site

Hosted zone details

Records (4)

Record name	Type	Routing policy	Differences	Alias
shivakruthimadduri.site	NS	Simple	-	No
shivakruthimadduri.site	SOA	Simple	-	No
_db508e9f1d9a861f6de1ca84c108f027.shivakruthimadduri.site	CNAME	Simple	-	No
_c3107e390e954996c5e9d3fa8d069891.www.shivakruthimadduri.site	CNAME	Simple	-	No

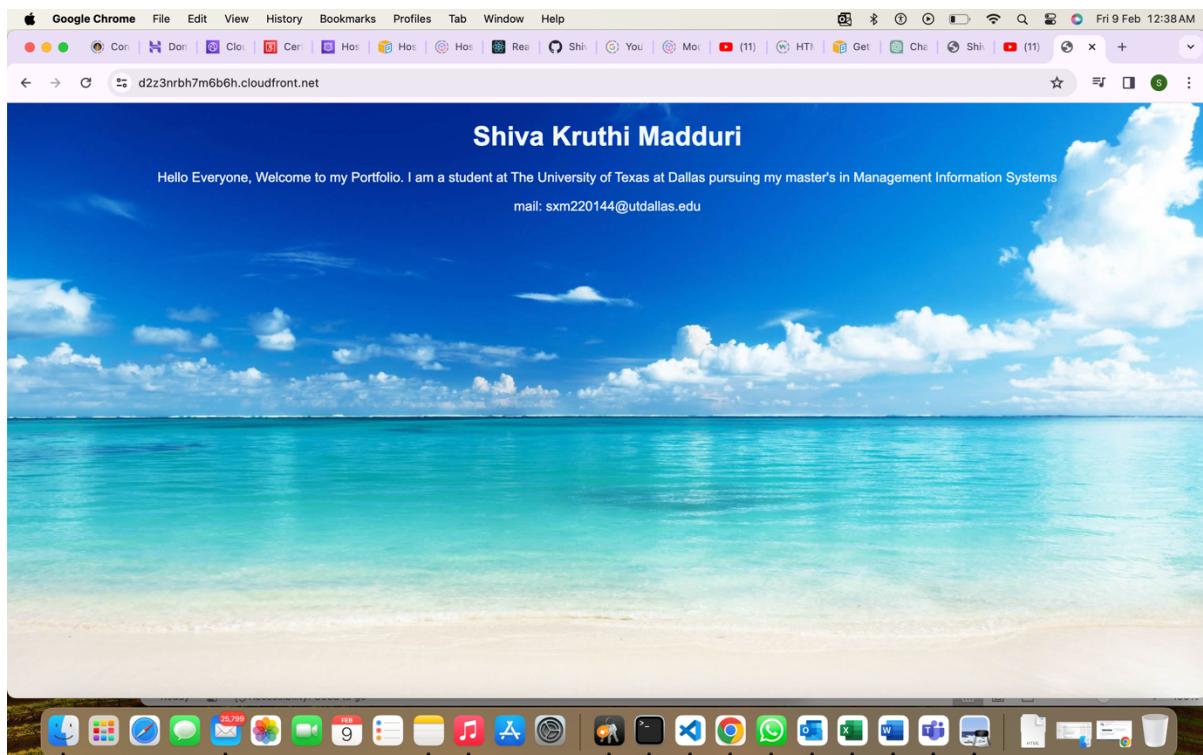
Step 3: Create CloudFront Distribution

The screenshot shows the AWS CloudFront Security Dashboard. A green success message at the top states "Successfully created new distribution." Below it, a message encourages sharing the experience. The main view shows the distribution details for "E2JGLCWISVP4GO". The "General" tab is selected, displaying the distribution domain name (d2z3nrhb7m6b6h.cloudfront.net), ARN (arn:aws:cloudfront::356513102602:distribution/E2JGLCWISVP4GO), and last modified status (Deploying). The "Settings" tab shows the alternate domain name (www.shivakruthimadduri.site) and standard logging (Off). The bottom navigation bar includes CloudShell and Feedback.

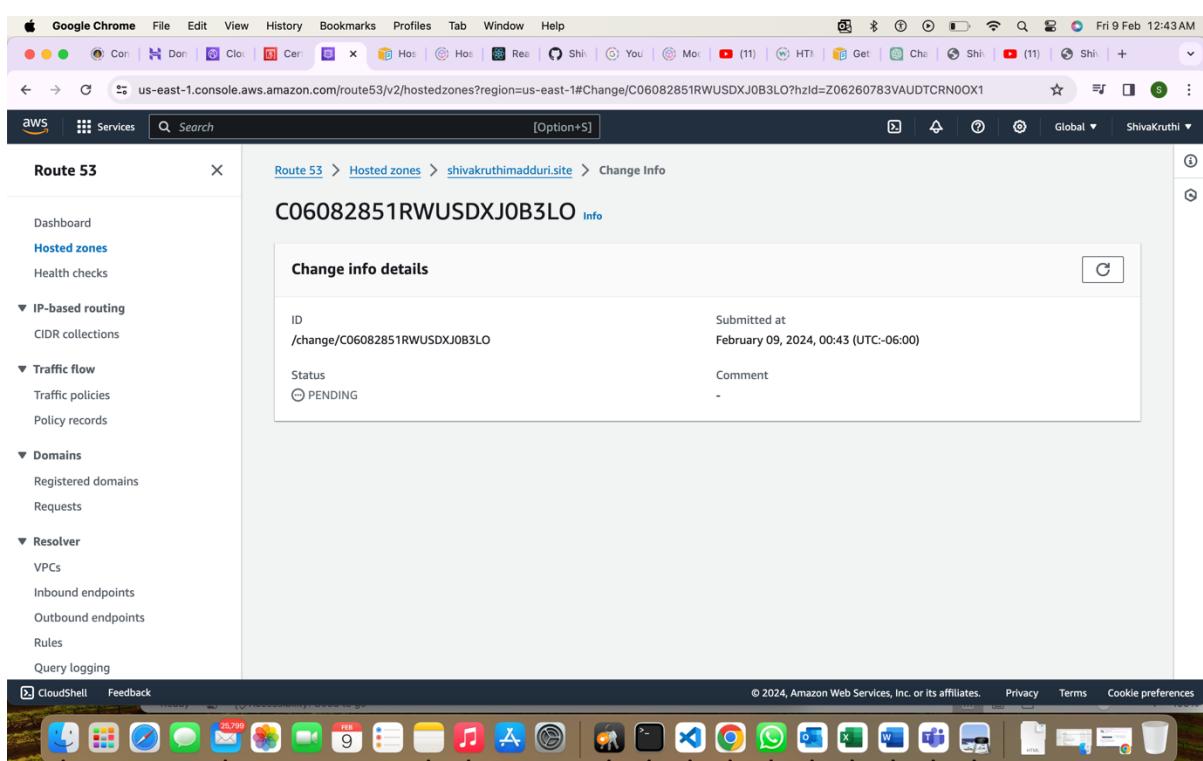
The screenshot shows the AWS CloudFront Distributions list. It displays one distribution, "E2JGLCWISVP4GO", which was created on February 9, 2024. The distribution is set to Production and has the domain name d2z3nrhb7m6b6h.cloudfront.net. The status is Enabled. The "Create distribution" button is visible at the top right of the list table. The bottom navigation bar includes CloudShell and Feedback.

Enter the Domain name i.e., **shivakruthimadduri.site** under created Cloud Front Distribution in Browser.

Output:



Created a new record in Route 53 – Hosted Zone saying Alias Cloud Front Distribution

A screenshot of the AWS Route 53 console. The left sidebar shows navigation options like Dashboard, Hosted zones, Health checks, IP-based routing, Traffic flow, Domains, and Resolver. The 'Hosted zones' section is selected. In the main content area, it shows a 'Change info details' card for a record with ID 'C06082851RWUSDXJ0B3LO'. The status is listed as 'PENDING'. Below the status, it says 'Submitted at February 09, 2024, 00:43 (UTC-06:00)'. The bottom of the screen shows the standard AWS navigation bar with links for CloudShell, Feedback, and various services like Lambda, S3, and CloudWatch.

Enter in browser: shivakruthimadduri.site

Outcome:

