

Cloud Developer Project Submission
Brian Greppi
12/30/2025

Snapshots illustrating project completion:

Website Files:
The student has created a S3 Bucket

The screenshot shows the AWS S3 console interface. On the left, there is a sidebar with various navigation options like General purpose buckets, Directory buckets, Table buckets, Access Grants, Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, IAM Access Analyzer for S3, Block Public Access settings, Storage Lens, Dashboards, Storage Lens groups, AWS Organizations settings, Feature spotlight, and AWS Marketplace for S3.

The main content area displays an account snapshot and a list of General purpose buckets. One bucket is listed:

Name	AWS Region	IAM Access Analyzer	Creation date
greps-s3-demo-bucket-2braqcop7e6w29bvle4qnhsmi7koiokerxual	US East (N. Virginia) us-east-1	View analyzer for us-east-1	December 30, 2024, 11:17:20 (UTC-05:00)

At the bottom of the page, there are links for CloudShell, Feedback, and a footer with copyright information: © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences.

All website files should be added to the S3 bucket

The screenshot shows the AWS S3 console interface. The left sidebar has a tree view with 'Amazon S3' selected, under 'General purpose buckets'. Other sections like 'Storage Lens' and 'AWS Marketplace for S3' are also visible. The main content area shows a bucket named 'greps-s3-demo-bucket-2btraqcop7e6w29bvle4qnhسامی7ک0lokerx9ual'. The 'Objects' tab is selected, displaying four items:

Name	Type	Last modified	Size	Storage class
css/	Folder	-	-	-
img/	Folder	-	-	-
index.html	html	December 30, 2024, 12:37:05 (UTC-05:00)	6.1 KB	Standard
vendor/	Folder	-	-	-

At the bottom of the page, there are links for CloudShell, Feedback, Privacy, Terms, and Cookie preferences.

The bucket configuration should be set up to support static website hosting

The screenshot shows the AWS S3 Bucket Properties page for the bucket 'greps-s3-demo-bucket-2btr'. The left sidebar shows navigation options like General purpose buckets, Storage Lens, and Feature spotlight. The main content area is titled 'Static website hosting' and contains the following configuration:

- S3 static website hosting:** Enabled.
- Hosting type:** Bucket hosting.
- Bucket website endpoint:** <http://greps-s3-demo-bucket-2btr.a360w29bvle4qnhsmi7k0lokerx9ual.s3-website-us-east-1.amazonaws.com>

A callout box highlights the recommendation to use AWS Amplify Hosting for static website hosting, with a 'Create Amplify app' button.

The permission access to the bucket should be configured

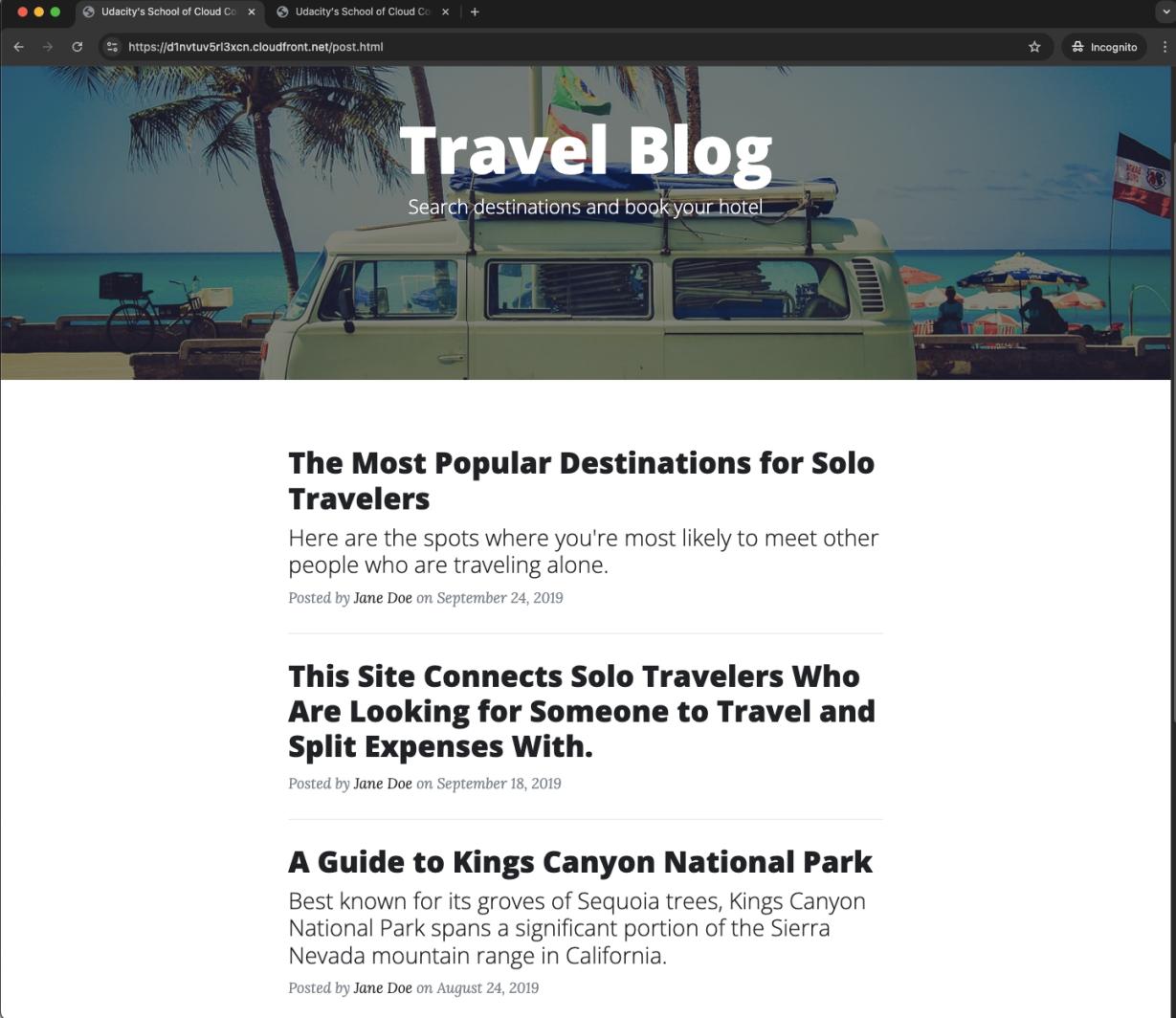
The screenshot shows the AWS S3 Bucket Permissions Overview page. The left sidebar lists 'Amazon S3' sections: General purpose buckets, Directory buckets, Table buckets (New), Access Grants, Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, and IAM Access Analyzer for S3. It also includes 'Block Public Access settings for this account' and 'Storage Lens' options. A 'Feature spotlight' section is present. The main content area is titled 'Permissions overview' and contains a 'Permissions' tab bar. Below it is a 'Permissions overview' section with 'Access finding' information and a 'View analyzer for us-east-1' link. The 'Block public access (bucket settings)' section shows 'Block all public access' is off. The 'Bucket policy' section displays the following JSON policy:

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "AddPerm",
      "Effect": "Allow",
      "Principal": "*",
      "Action": "S3:GetObject",
      "Resource": "arn:aws:s3:::greps-s3-demo-bucket-2btraqcop7e6w29bvle4qnhsmi7k0iokerx9uai/*"
    }
  ]
}
```

Buttons for 'Edit', 'Delete', and 'Copy' are available for the bucket policy.

Website Distribution:

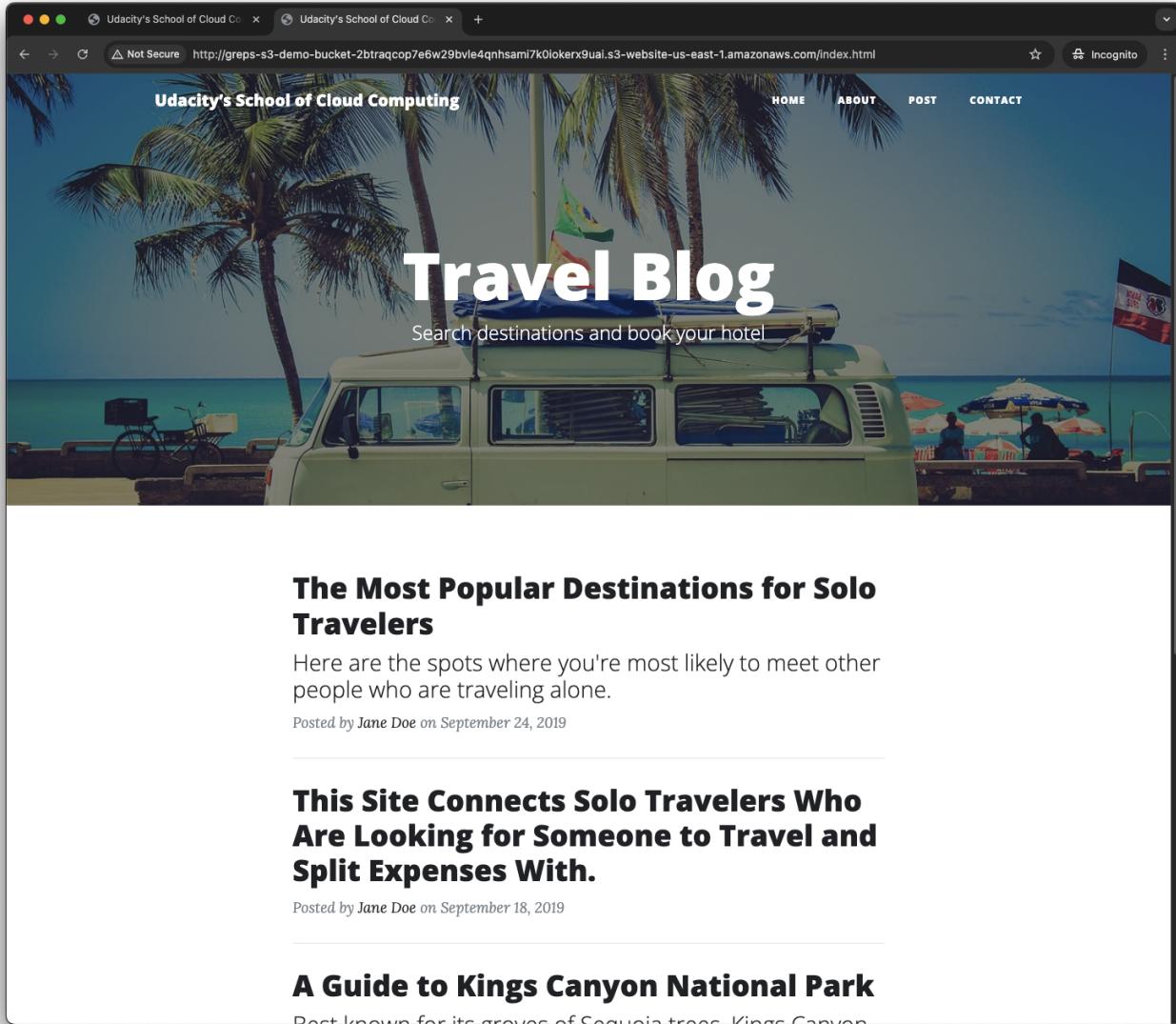
The website should be distributed via Cloudfront

A screenshot of a travel blog website displayed in a Mac OS X browser window. The address bar shows the URL: https://d1nvttv5rl3xcn.cloudfront.net/post.html. The page features a large banner image of a green van parked on a beach with palm trees and flags in the background. Overlaid on the banner is the text "Travel Blog" in a large, bold, white font, followed by a smaller line of text: "Search destinations and book your hotel". Below the banner, there are three main article sections, each with a title, a brief description, and a "Posted by Jane Doe" timestamp.

- The Most Popular Destinations for Solo Travelers**
Here are the spots where you're most likely to meet other people who are traveling alone.
Posted by Jane Doe on September 24, 2019
- This Site Connects Solo Travelers Who Are Looking for Someone to Travel and Split Expenses With.**
This section is currently empty.
Posted by Jane Doe on September 18, 2019
- A Guide to Kings Canyon National Park**
Best known for its groves of Sequoia trees, Kings Canyon National Park spans a significant portion of the Sierra Nevada mountain range in California.
Posted by Jane Doe on August 24, 2019

Web Browser Access:

Is the website publicly accessible?
Directly to S3 Bucket URL (via HTTP)



Indirectly via CloudFront Distribution (via HTTPS)

The screenshot shows a web browser window with a travel blog theme. The header features a large green van parked on a beach with palm trees and umbrellas in the background. The title "Travel Blog" is prominently displayed in white text, with a subtitle "Search destinations and book your hotel" below it. The main content area contains three articles:

- The Most Popular Destinations for Solo Travelers**
Here are the spots where you're most likely to meet other people who are traveling alone.
Posted by Jane Doe on September 24, 2019
- This Site Connects Solo Travelers Who Are Looking for Someone to Travel and Split Expenses With.**
Posted by Jane Doe on September 18, 2019
- A Guide to Kings Canyon National Park**
Best known for its groves of Sequoia trees, Kings Canyon National Park spans a significant portion of the Sierra Nevada mountain range in California.
Posted by Jane Doe on August 24, 2019

Directly to S3 Bucket URL (via HTTP) with Updated Image/Text



The screenshot shows a web browser window with three tabs open, all titled "Udacity's School of Cloud Computing". The active tab displays a travel blog with a tropical island background image showing several overwater bungalows. The header reads "Udacity's School of Cloud Computing" and includes navigation links for HOME, ABOUT, POST, and CONTACT. The main title of the page is "Grep's Hidden Sites Travel Blog" in large, bold, white font. Below the title is a subtitle "Search destinations and book your hotel".

The Most Popular Destinations for Solo Travelers

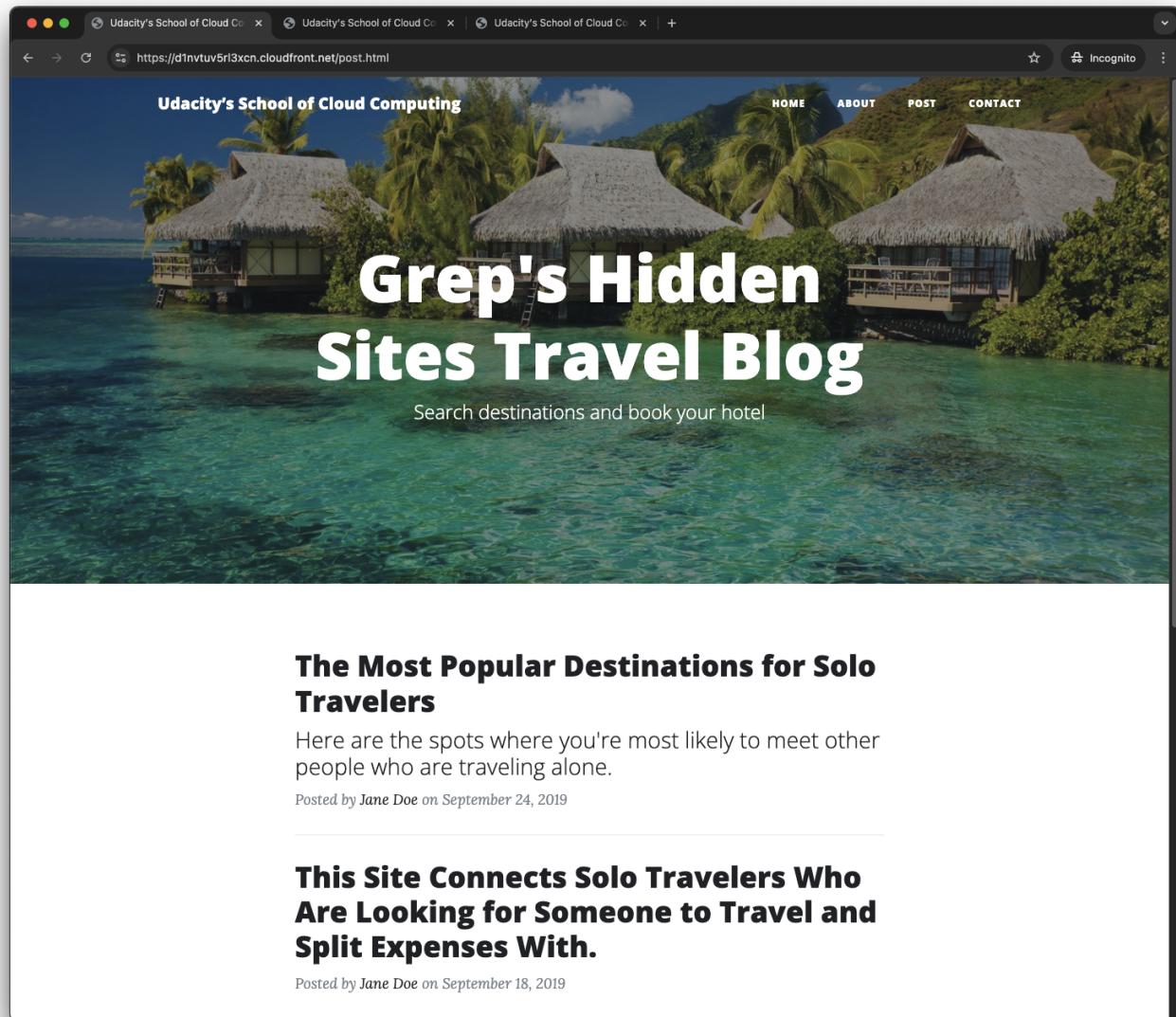
Here are the spots where you're most likely to meet other people who are traveling alone.

Posted by Jane Doe on September 24, 2019

This Site Connects Solo Travelers Who Are Looking for Someone to Travel and Split Expenses With.

Posted by Jane Doe on September 18, 2019

Indirectly via CloudFront Distribution (via HTTPS) with Updated Images/Text



The screenshot shows a web browser window with three tabs open, all titled "Udacity's School of Cloud Computing". The main content area displays a travel blog with a tropical background image of overwater bungalows. The header includes the site name "Udacity's School of Cloud Computing" and navigation links for HOME, ABOUT, POST, and CONTACT. The main title of the post is "Grep's Hidden Sites Travel Blog" with the subtitle "Search destinations and book your hotel". Below the title, there is a section titled "The Most Popular Destinations for Solo Travelers" with a short text snippet and a post date of September 24, 2019. Another section below it is titled "This Site Connects Solo Travelers Who Are Looking for Someone to Travel and Split Expenses With." with its own post date of September 18, 2019.

Grep's Hidden Sites Travel Blog

Search destinations and book your hotel

The Most Popular Destinations for Solo Travelers

Here are the spots where you're most likely to meet other people who are traveling alone.

Posted by Jane Doe on September 24, 2019

This Site Connects Solo Travelers Who Are Looking for Someone to Travel and Split Expenses With.

Posted by Jane Doe on September 18, 2019