

Project Title: Building a Personal Travel Blog on IBM Cloud Static Web Apps

Phase 4: Development Part 2

Introduction

In this report, we'll review the progress made in Phase 4 of our project, where we continue building our travel blog by setting up the IBM Cloud Static Web App and deploying our website. We'll also touch upon the use of a static site generator for efficient content management.

Step 1: Setting Up IBM Cloud

Action Taken:

- I had previously signed up for an IBM Cloud account during Phase 4, so no additional actions were required in this regard.

Status: Verified

- My IBM Cloud account is fully configured, and I have successfully verified it.

Step 2: Creating a New Static Web App

Action Taken:

- I logged into my IBM Cloud account and navigated to the IBM Cloud dashboard.
- I followed the prompts to create a new Static Web App.
- I set up the repository, configured the build pipeline, and chose automatic deployments from the repository.

Status: Completed

- The Static Web App has been successfully created and configured.

Step 3: Choosing a Static Site Generator

Action Taken:

- I decided to use Hugo as my static site generator.
- Hugo was installed and set up on my local development environment.
- I created templates for the blog's pages, including layout and structure, using Hugo's architecture.

Status: In Progress

- Templates are created, and I'm in the process of migrating existing HTML content to these templates.

Step 4: Migrating Content

Action Taken:

- Migrating existing HTML content into Hugo templates has begun.
- Initial content migration is in progress, ensuring proper formatting and multimedia integration.

Status: In Progress

- Migrating content is an ongoing task.

Step 5: Testing Blog

Action Taken:

- Thorough testing has been initiated to ensure functionality, responsiveness, and performance.
- Initial testing has revealed and addressed a few minor issues.

Status: In Progress

- Testing and issue resolution are ongoing.

Step 6: Deployment

Action Taken:

- Deployment of the travel blog to IBM Cloud using the Static Web App has been initiated.
- Deployment options chosen during setup are being followed.

Status: In Progress

- Deployment is underway, and the website is not yet live.

Conclusion:

Phase 4 is progressing well. I have successfully set up the IBM Cloud environment, created a Static Web App, and selected Hugo as the static site generator. Content migration is in progress, and testing is revealing and addressing issues. Deployment is ongoing, and the travel blog will soon be accessible to our audience.

The project is on track, and I am looking forward to sharing our travel experiences and tips through this new platform.