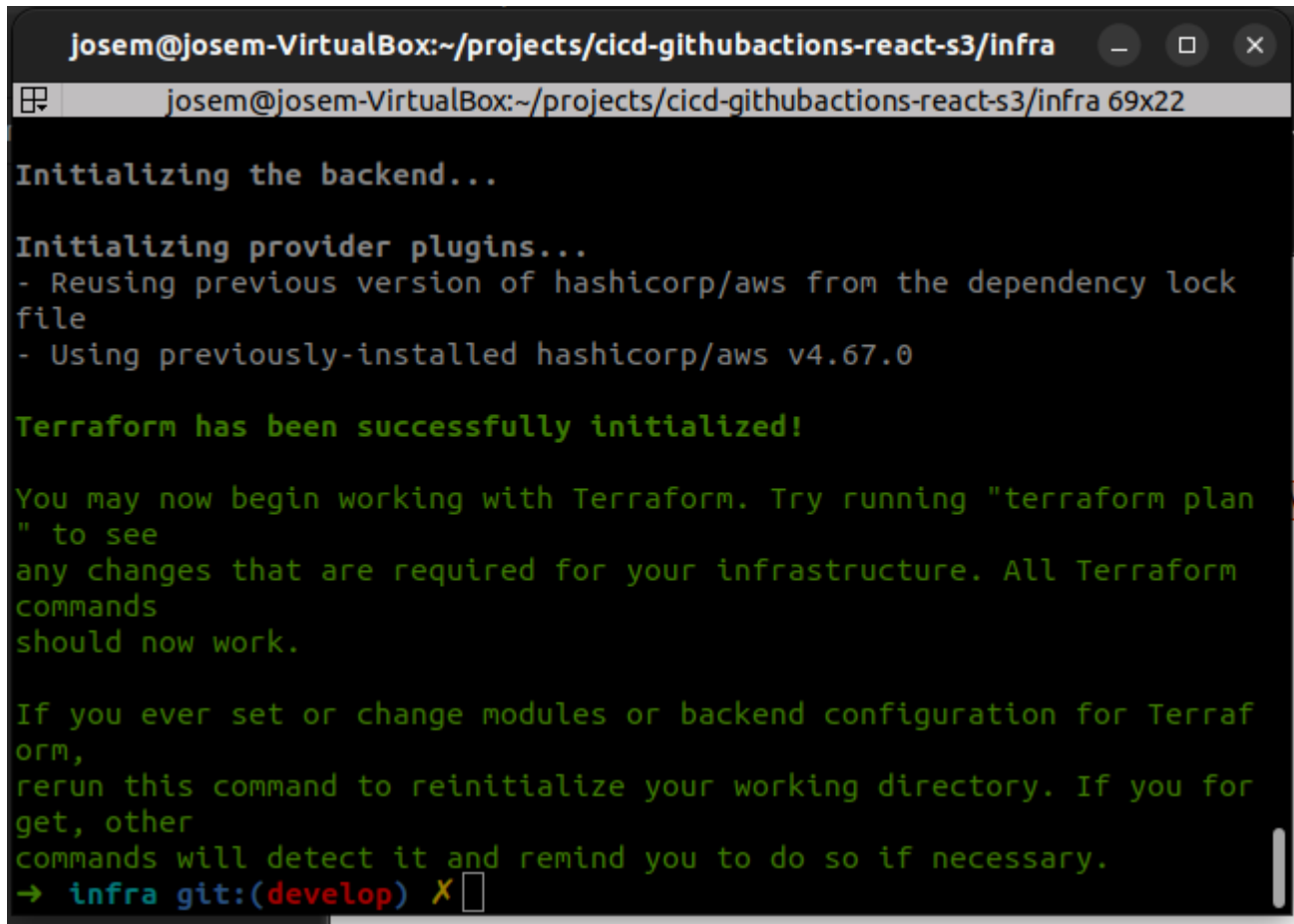


## 1- Terraform init

A terminal window titled 'josem@josem-VirtualBox:~/projects/cicd-githubactions-react-s3/infra' with standard window controls. The terminal shows the output of the 'terraform init' command. It starts with 'Initializing the backend...', followed by 'Initializing provider plugins...' and two status messages about reusing the AWS provider. A green message states 'Terraform has been successfully initialized!'. Further instructions are provided in green text, including a prompt to run 'terraform plan' and a warning about reinitializing the directory. The prompt '→ infra git:(develop) X' is at the bottom.

```
josem@josem-VirtualBox:~/projects/cicd-githubactions-react-s3/infra
josem@josem-VirtualBox:~/projects/cicd-githubactions-react-s3/infra 69x22

Initializing the backend...

Initializing provider plugins...
- Reusing previous version of hashicorp/aws from the dependency lock file
- Using previously-installed hashicorp/aws v4.67.0

Terraform has been successfully initialized!

You may now begin working with Terraform. Try running "terraform plan"
to see
any changes that are required for your infrastructure. All Terraform
commands
should now work.

If you ever set or change modules or backend configuration for Terraform,
rerun this command to reinitialize your working directory. If you forget, other
commands will detect it and remind you to do so if necessary.
→ infra git:(develop) X
```

## 2 – Terraform plan

```
josem@josem-VirtualBox:~/projects/cicd-githubactions-react-s3/infra
josem@josem-VirtualBox:~/projects/cicd-githubactions-react-s3/infra 69x22
# aws_s3_bucket_website_configuration.www_bucket will be created
+ resource "aws_s3_bucket_website_configuration" "www_bucket" {
  + bucket          = (known after apply)
  + id              = (known after apply)
  + routing_rules    = (known after apply)
  + website_domain   = (known after apply)
  + website_endpoint = (known after apply)

  + error_document {
    + key = "404.html"
  }

  + index_document {
    + suffix = "index.html"
  }
}

Plan: 5 to add, 0 to change, 0 to destroy.

Note: You didn't use the -out option to save this plan, so Terraform
```

3- Terraform Apply

```
josem@josem-VirtualBox:~/projects/cicd-githubactions-react-s3/infra
Only 'yes' will be accepted to approve.

Enter a value: yes

aws_s3_bucket.www_bucket: Creating...
aws_s3_bucket.www_bucket: Creation complete after 7s [id=268794345980-mypokedex]
aws_s3_bucket_policy.bucket_policy: Creating...
aws_s3_bucket_ownership_controls.this: Creating...
aws_s3_bucket_public_access_block.bucket_access_block: Creating...
aws_s3_bucket_website_configuration.www_bucket: Creating...
aws_s3_bucket_policy.bucket_policy: Creation complete after 0s [id=268794345980-mypokedex]
aws_s3_bucket_public_access_block.bucket_access_block: Creation complete after 1s [id=268794345980-mypokedex]
aws_s3_bucket_ownership_controls.this: Creation complete after 1s [id=268794345980-mypokedex]
aws_s3_bucket_website_configuration.www_bucket: Creation complete after 5s [id=268794345980-mypokedex]

Apply complete! Resources: 5 added, 0 changed, 0 destroyed.
→ infra git:(develop) X
```

## 4 – S3 Bucket Properties

Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting

Enabled

Hosting type

Bucket hosting

Bucket website endpoint

When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)

<http://268794345980-mypokedex.s3-website-us-east-1.amazonaws.com>

## 5- Pipeline build

GitHub Actions workflow interface for `ci-cd-githubactions-react-s3`. The workflow is running on the `Develop` branch, job `build (18.17.1)`, which succeeded in 1m 17s.

**Jobs:**

- `build (18.17.1)`

**Run details for build (18.17.1):**

- Set up job (1s)
- Build jakejarvis/s3-sync-action@master (16s)
- Use Node.js 18.17.1 (4s)
- Git checkout (1s)
- Install packages (24s)
- Production build (23s)
- Deploy to S3 (4s)**

**Log for Deploy to S3:**

```
1 Run jakejarvis/s3-sync-action@master
10 /usr/bin/docker run --name dbf04460913279d0c644ed94520343c20f8657_731d2e --label dbf044 --workdir /github/workspace --rm -e "AWS_S3_BUCKET" -e "AWS_ACCESS_KEY_ID" -e "AWS_SECRET_ACCESS_KEY" -e "AWS_REGION" -e "SOURCE_DIR" -e "INPUT_ARGS" -e "HOME" -e "GITHUB_JOB" -e "GITHUB_REF" -e "GITHUB_SHA" -e "GITHUB_REPOSITORY" -e "GITHUB_REPOSITORY_OWNER" -e "GITHUB_REPOSITORY_OWNER_ID" -e "GITHUB_RUN_ID" -e "GITHUB_RUN_NUMBER" -e "GITHUB_RETENTION_DAYS" -e "GITHUB_RUN_ATTEMPT" -e "GITHUB_REPOSITORY_ID" -e "GITHUB_ACTOR_ID" -e "GITHUB_ACTOR" -e "GITHUB_TRIGGERING_ACTOR" -e "GITHUB_WORKFLOW" -e "GITHUB_HEAD_REF" -e "GITHUB_BASE_REF" -e "GITHUB_EVENT_NAME" -e "GITHUB_SERVER_URL" -e "GITHUB_API_URL" -e "GITHUB_GRAPHQL_URL" -e "GITHUB_REF_NAME" -e "GITHUB_REF_PROTECTED" -e "GITHUB_REF_TYPE" -e "GITHUB_WORKFLOW_REF" -e "GITHUB_WORKSPACE" -e "GITHUB_ACTION" -e "GITHUB_EVENT_PATH" -e "GITHUB_ACTION_REPOSITORY" -e "GITHUB_ACTION_REF" -e "GITHUB_PATH" -e "GITHUB_ENV" -e "GITHUB_STEP_SUMMARY" ...
11 upload: app/build/favicon.ico to s3://****/favicon.ico
12 upload: app/build/static/js/787.246f5984.chunk.js to s3://****/static/js/787.246f5984.chunk.js
13 upload: app/build/static/js/787.246f5984.chunk.js.map to s3://****/static/js/787.246f5984.chunk.js.map
14 upload: app/build/manifest.json to s3://****/manifest.json
15 upload: app/build/robots.txt to s3://****/robots.txt
16 upload: app/build/index.html to s3://****/index.html
17 upload: app/build/asset-manifest.json to s3://****/asset-manifest.json
```

## 6- Poke App Title Changed

Screenshot of the **Poke App** web application. The title is **Poke App - Jose Mario Moraga**. The app displays a grid of Pokémon cards with their names below them:

- bulbasaur
- ivysaur
- venusaur
- charmander
- charmeleon
- charizard
- squirtle
- wartortle

At the bottom, there are **Previous** and **Next** navigation buttons.