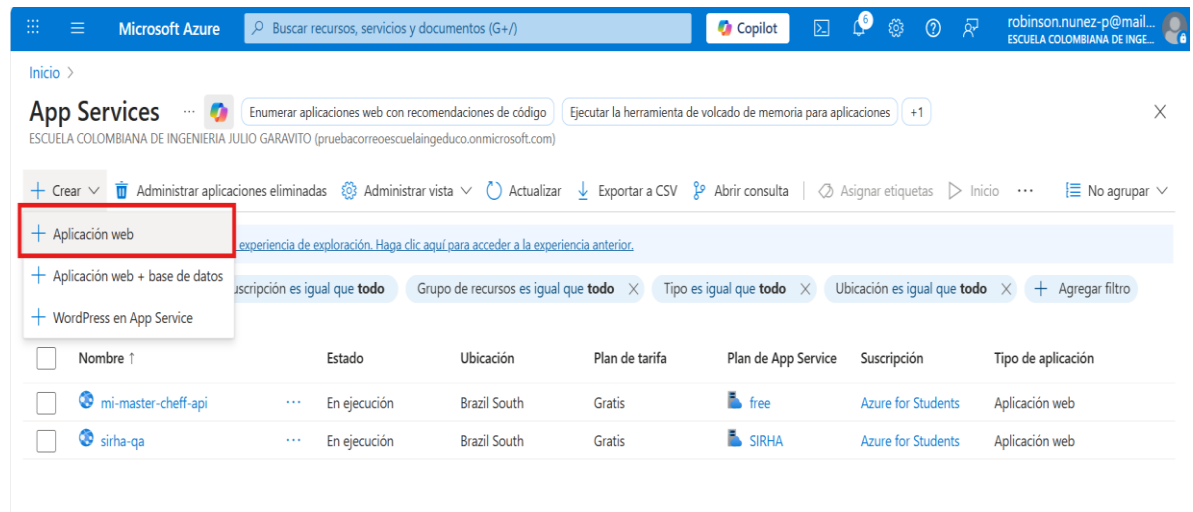


Configuración de Azure:

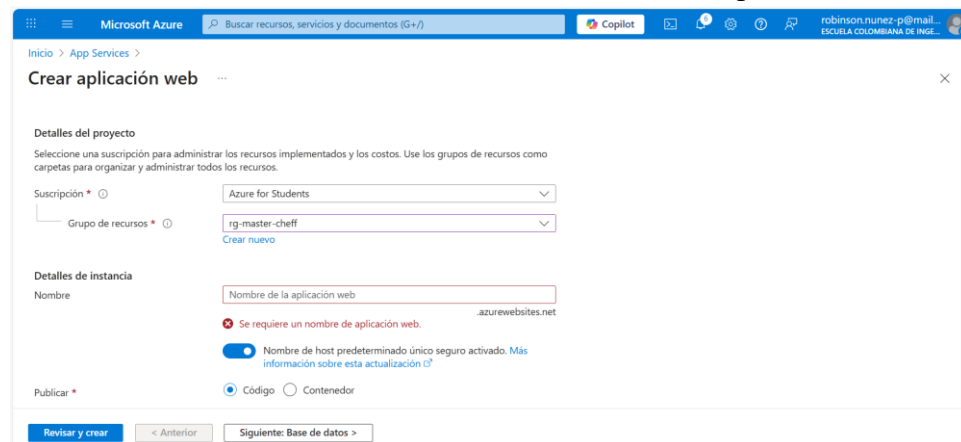
1. Primero Se creo el App Service en Azure



2. Se creo la aplicación web

Con estos datos:

- Suscripción: Azure for Students
- Recursos cree uno nuevo llamado: mi-master-cheff-api

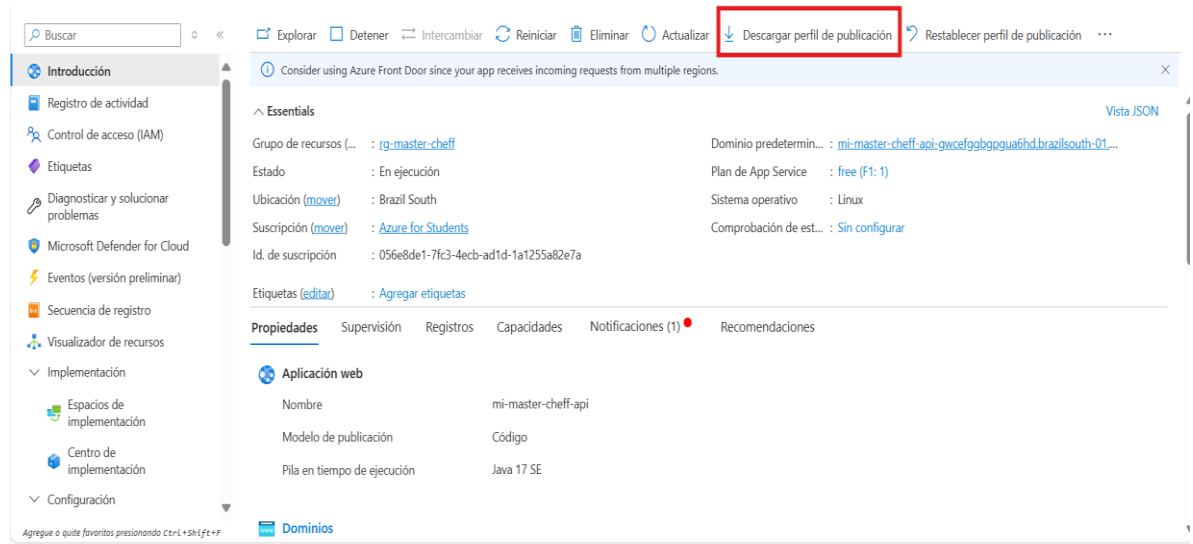


3. Usamos

- Plan: Java 17
- Dejamos el plan de servicio por el que sale por defecto
- Region use Brasil South que es la más cercana.
- En Plan Linux es importante crear un nuevo plan ya que si no nos toca pagar en mi caso cree: free
- Elegimos el plan gratis
- Finalmente le damos a Revisar y crear

4. Activamos en configuración general las credenciales y le damos chulito a ambas.

5. Descargamos el perfil de publicación y lo abrimos en un .txt luego lo vamos a usar para los secretos.



6. Luego configuramos las variables de entorno en Azure y GitHub para los secretos:

Azure:

| Nombre | Valor | Configuración de ranura de... | Origen | Eliminar |
|------------------------------|---------------|-------------------------------|-------------|----------|
| AZURE_WEBAPP_NAME | Mostrar valor | | App Service | |
| AZURE_WEBAPP_PUBLISH_PROFILE | Mostrar valor | | App Service | |
| MONGO_URI | Mostrar valor | | App Service | |

GitHub:

| | | | |
|------------------------------|---------------|--|--|
| AZURE_WEBAPP_NAME | 5 minutes ago | | |
| AZURE_WEBAPP_PUBLISH_PROFILE | 8 minutes ago | | |
| MONGO_URI | 6 minutes ago | | |

7. Creamos .github/workflows/ci.yml en la rama de develop

Luego hacemos push

```
robin@Kawaki MINGW64 ~/downloads/TallerAplicativo_CI-CD_DOSW-1 (develop)
$ git add .

robin@Kawaki MINGW64 ~/downloads/TallerAplicativo_CI-CD_DOSW-1 (develop)
$ git commit -m "feature - CI con githubAction secrets"
[develop e7bd8ca] feature - CI con githubAction secrets
1 file changed, 20 insertions(+), 1 deletion(-)

robin@Kawaki MINGW64 ~/downloads/TallerAplicativo_CI-CD_DOSW-1 (develop)
$ git push origin develop
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (5/5), 703 bytes | 703.00 KiB/s, done.
Total 5 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/Robinson677/TallerAplicativo_CI-CD_DOSW-1.git
88038d6..e7bd8ca develop -> develop
```

8. Verificamos en GitHub que haya funcionado:

The screenshot displays the GitHub web interface. At the top, the 'Your branches' section shows the 'develop' branch, updated 1 minute ago, with a check status of 1/1. Below this, the 'Summary' tab is active, showing the 'build-and-test' job as successful. The 'Jobs' section lists 'build-and-test' with a green checkmark. The 'Run details' section shows the workflow file. The 'Usage' section shows the workflow file. The 'Workflow file' section shows the workflow file. The 'build-and-test' job is expanded, showing a log of the build process. The log includes the following information:

- Build and run tests (36s)
- Replacing main artifact /home/runner/work/TallerAplicativo_CI-CD_DOSW-1/TallerAplicativo_CI-CD_DOSW-1/target/TallerAplicativo_CI-CD_DOSW-1-0.0.1-SNAPSHOT.jar with repackaged archive, adding nested dependencies in BOOT-INF/.
- The original artifact has been renamed to /home/runner/work/TallerAplicativo_CI-CD_DOSW-1/TallerAplicativo_CI-CD_DOSW-1/target/TallerAplicativo_CI-CD_DOSW-1-0.0.1-SNAPSHOT.jar.original
- Running jacoco:0.8.13:check (jacoco-check) @ TallerAplicativo_CI-CD_DOSW-1
- Loading execution data file /home/runner/work/TallerAplicativo_CI-CD_DOSW-1/TallerAplicativo_CI-CD_DOSW-1/target/jacoco.exec
- Analyzed bundle 'TallerAplicativo_CI-CD_DOSW-1' with 2 classes
- All coverage checks have been met.
- BUILD SUCCESS
- Total time: 32.954 s
- Finished at: 2025-10-21T04:07:47Z

9. Creamos .github/workflows/cd.yml en la rama de Develop

Luego cambiamos a main

hacemos merge develop

Y luego push

```
create mode 100644 src/main/java/eci/edu/dosw/taller/util/GlobalExceptionHandler.java
create mode 100644 src/main/java/eci/edu/dosw/taller/util/SequenceGenerator.java
create mode 100644 src/test/java/eci/edu/dosw/taller/TallerAplicativo_CI-CD_DOSW-1/RecipeControllerTest.java
create mode 100644 src/test/java/eci/edu/dosw/taller/TallerAplicativo_CI-CD_DOSW-1/RecipeServiceImplTest.java

robin@Kawaki MINGW64 ~/downloads/TallerAplicativo_CI-CD_DOSW-1 (main)
$ git push origin main
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Robinson677/TallerAplicativo_CI-CD_DOSW-1.git
d942e3b..a8f51a1 main -> main
```

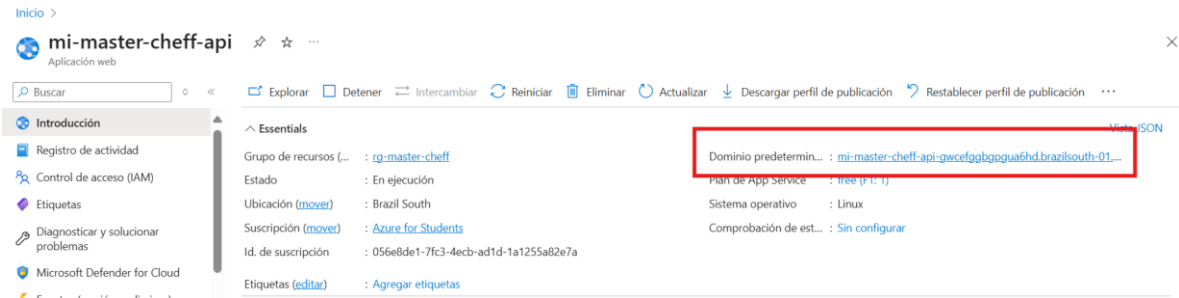
10. Se ejecuta correctamente

The screenshot displays the GitHub Actions interface for a workflow named 'build-and-deploy'. The workflow is shown as successful, having completed 1 minute and 17 seconds ago. The interface includes a sidebar with navigation options: Summary, Jobs, Run details, Usage, and Workflow file. The 'Jobs' section shows the 'build-and-deploy' job as successful. The main area displays the job's logs, which include the following steps and their outputs:

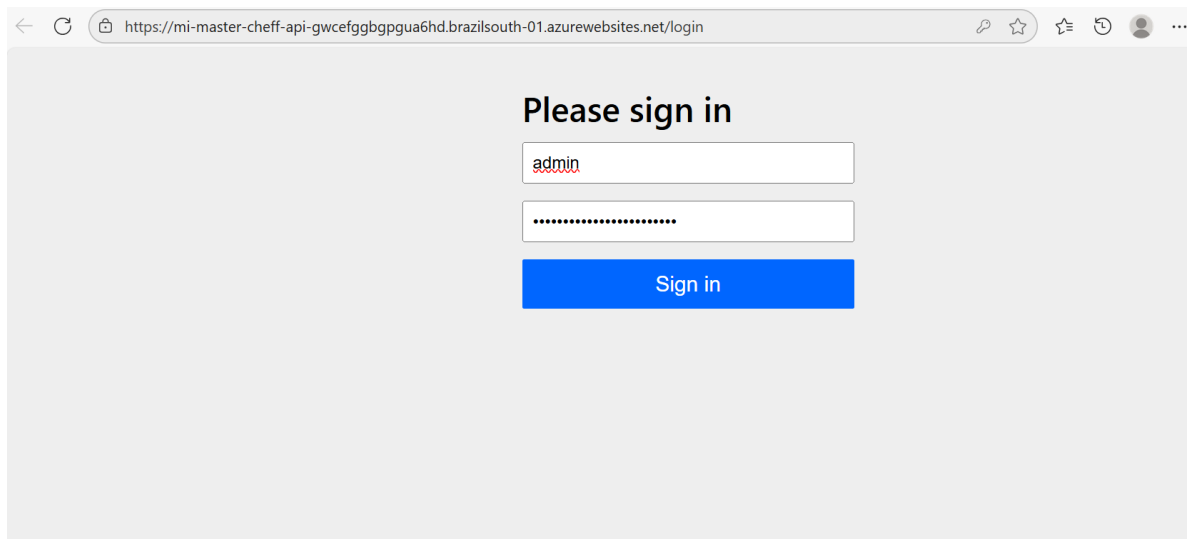
- Build package (skip tests)** (44s):
 - 1225 [INFO] Downloaded from central: <https://repo.maven.apache.org/maven2/org/ow2/asm/asm-tree/9.7/asm-tree-9.7.jar> (52 kB at 250 kB/s)
 - 1226 [INFO] Downloaded from central: <https://repo.maven.apache.org/maven2/org/vafer/jdependency/2.10/jdependency-2.10.jar> (416 kB at 1.9 MB/s)
 - 1227 [INFO] Downloaded from central: <https://repo.maven.apache.org/maven2/org/jdom/jdom2/2.0.6.1/jdom2-2.0.6.1.jar> (328 kB at 1.1 MB/s)
 - 1228 [INFO] Replacing main artifact `/home/runner/work/TallerAplicativo_CI-CD_DOSW-1/TallerAplicativo_CI-CD_DOSW-1/target/TallerAplicativo_CI-CD_DOSW-1-0.0.1-SNAPSHOT.jar` with repackaged archive, adding nested dependencies in `BOOT-INF/`.
 - 1229 [INFO] The original artifact has been renamed to `/home/runner/work/TallerAplicativo_CI-CD_DOSW-1/TallerAplicativo_CI-CD_DOSW-1/target/TallerAplicativo_CI-CD_DOSW-1-0.0.1-SNAPSHOT.jar.original`
 - 1230 [INFO] -----
 - 1231 [INFO] BUILD SUCCESS
 - 1232 [INFO] -----
 - 1233 [INFO] Total time: 37.545 s
 - 1234 [INFO] Finished at: 2025-10-21T04:28:15Z
 - 1235 [INFO] -----
- Deploy to Azure Web App** (20s):

11. Verificaciones de que la Appi Abra Swagger

Vamos al link del dominio



Ingresamos las credenciales:



12. Me lleva directamente a el Swagger de la APPI

Link: <https://mi-master-cheff-api-gwcefggbgpgua6hd.brazilsouth-01.azurewebsites.net/swagger-ui/index.html>

