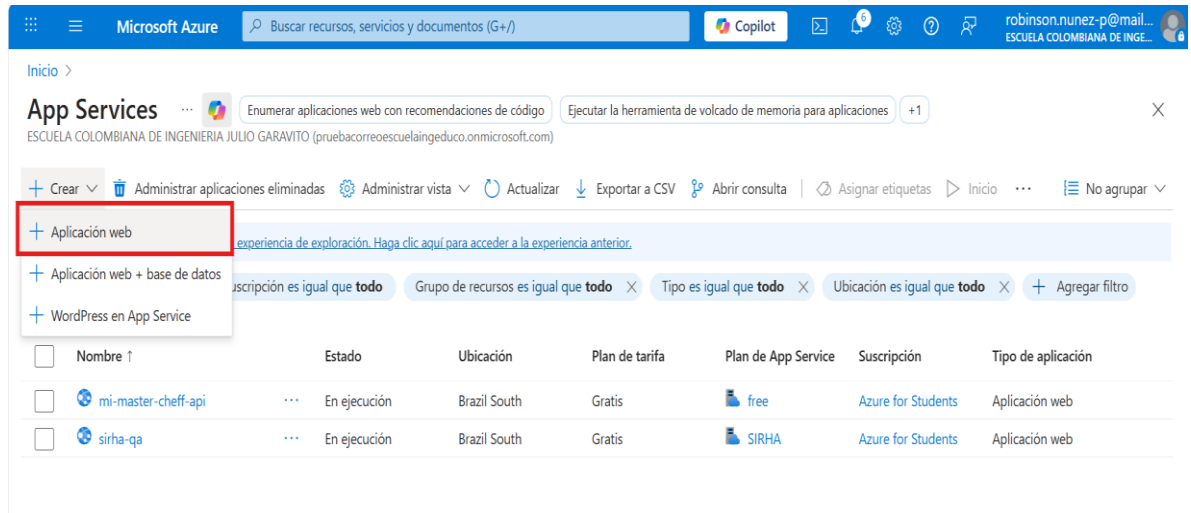


Configuración de Azure:

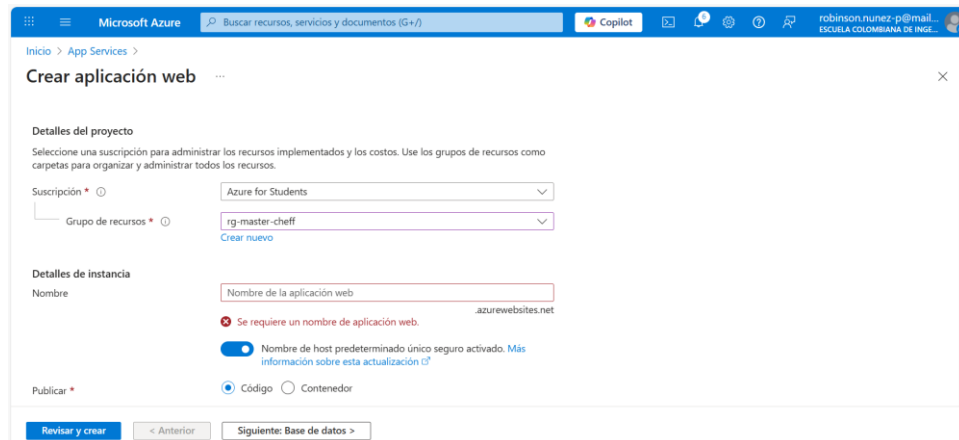
1. Primero Se creo el App Service en Azure



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

Microsoft Azure

Buscar recursos, servicios y documentos (G+/I)

Copilot

robinson.nunez-p@mail... ESCUELA COLOMBIANA DE INGL...

Inicio > App Services >

Crear aplicación web

Pila del entorno en tiempo de ejecución: Java 17

Pila de servidor web Java: Java SE (Embedded Web Server)

Sistema operativo: ☒ Linux ☐ Windows

Región: Brazil South

Planes de precios

El plan de tarifa de App Service determina la ubicación, las características, los costos y los recursos del proceso asociados a la aplicación. [Más información](#)

Plan de Linux (Brazil South): (Nuevo) free2

Plan de precios: Gratis F1 (Infraestructura compartida)

[Revisar y crear](#) < Anterior Siguiente: Base de datos >

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

mi-master-cheff-api | Configuración general

Aplicación web

Buscar

Secuencia de registro

Visualizador de recursos

Implementación

Configuración

Configuración (versión preliminar)

Autenticación

Identidad

Copias de seguridad

Dominios

Configuración general Configuración de la pila Asignaciones de ruta de acceso Páginas de error

Actualizar Salir de la versión preliminar

Configuración de plataforma

Credenciales de publicación de autenticación básica de SCM: ☒

Credenciales de publicación de autenticación básica de FTP: ☒

Estado FTP: Solo FTPS

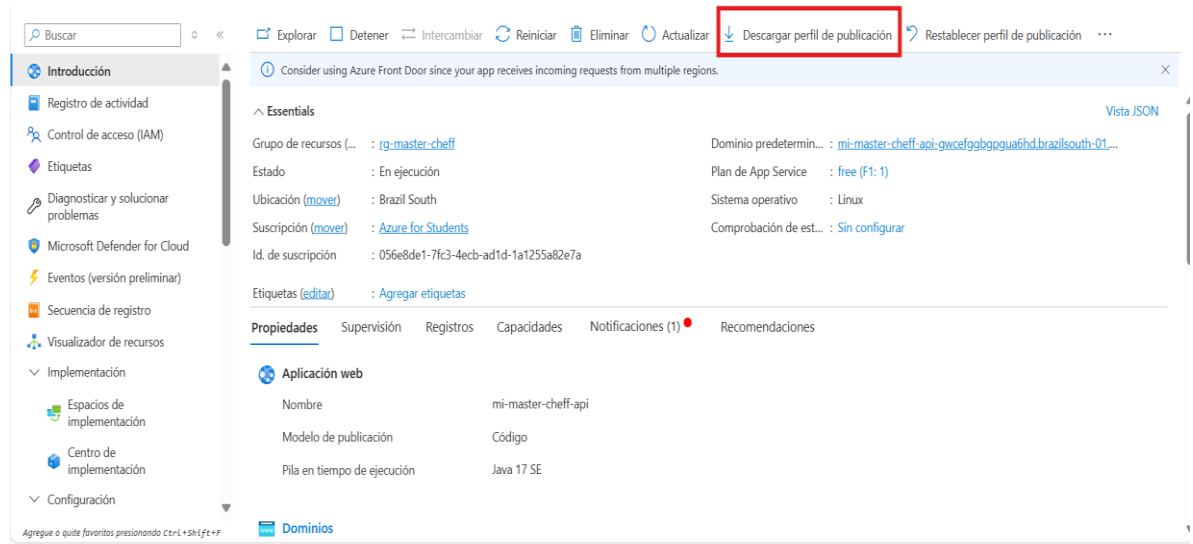
Versión HTTP: 1.1

Proxy HTTP 2.0: Desactivado

SSH: ☒

No se admite el cambio de la configuración de SSH para la versión de pila seleccionada.

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 selected, showing the 'build-and-test' job as successful. The 'Workflow file' tab is also visible. The main area shows the logs for the 'build-and-test' job, which succeeded 6 minutes ago. The logs include details about replacing the main artifact, loading execution data, and analyzing the bundle. The job completed successfully at 2025-10-21T04:07:47Z.

Branch	Updated	Check status	Behind	Ahead	Pull request
develop	1 minute ago	✓ 1 / 1	0	5	

build-and-test
succeeded 6 minutes ago in 46s

Build and run tests 36s

```
1298 [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/.
1299 [INFO] The original artifact has been renamed to /home/runner/work/TallerAplicativo_CI-CD_DOSW-1/TallerAplicativo_CI-CD_DOSW-1-0.0.1-SNAPSHOT.jar.original
1300 [INFO]
1301 [INFO] --- jacoco:0.8.13:check (jacoco-check) @ TallerAplicativo_CI-CD_DOSW-1 ---
1302 [INFO] Loading execution data file /home/runner/work/TallerAplicativo_CI-CD_DOSW-1/TallerAplicativo_CI-CD_DOSW-1/target/jacoco.exec
1303 [INFO] Analyzed bundle 'TallerAplicativo_CI-CD_DOSW-1' with 2 classes
1304 [INFO] All coverage checks have been met.
1305 [INFO] -----
1306 [INFO] BUILD SUCCESS
1307 [INFO] -----
1308 [INFO] Total time: 32.954 s
1309 [INFO] Finished at: 2025-10-21T04:07:47Z
1310 [INFO] -----
```

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 summary section on the left with tabs for 'Summary', 'Jobs', 'Run details', 'Usage', and 'Workflow file'. The 'Jobs' tab is selected, showing a single job 'build-and-deploy' with a green checkmark. The main area shows the detailed logs for this job, which includes two steps: 'Build package (skip tests)' and 'Deploy to Azure Web App'. The 'Build package' step is expanded, showing a series of log messages indicating the download of Maven dependencies and the successful completion of the build process. The 'Deploy to Azure Web App' step is partially visible at the bottom.

Branch	Updated	Check status	Behind	Ahead	Pull request
main	3 minutes ago	✓ 2 / 2			Default

Your branches

Branch	Updated	Check status	Behind	Ahead	Pull request
develop	7 minutes ago	✓ 2 / 2	0	0	

Active branches

Branch	Updated	Check status	Behind	Ahead	Pull request
develop	7 minutes ago	✓ 2 / 2	0	0	

Summary

Jobs

- build-and-deploy

Run details

Usage

Workflow file

build-and-deploy
succeeded 1 minute ago in 1m 17s

Search logs

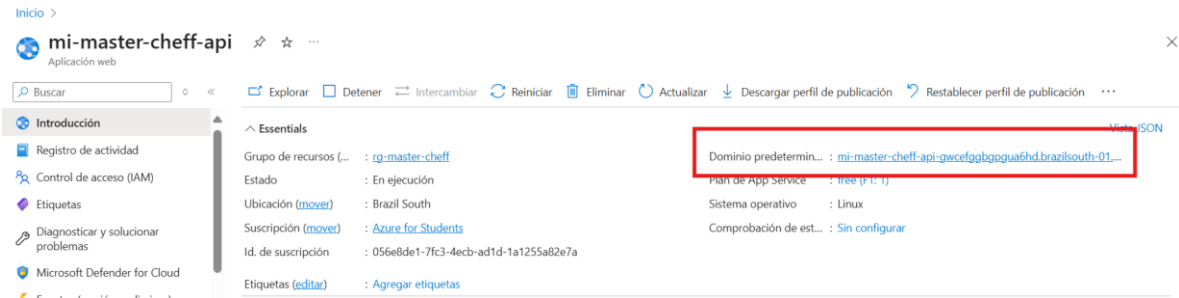
Build package (skip tests) 44s

```
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/ow2/asm/asm-tree/9.7/asm-tree-9.7.jar (52 kB at 250 kB/s)
1227 [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)
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] -----
```

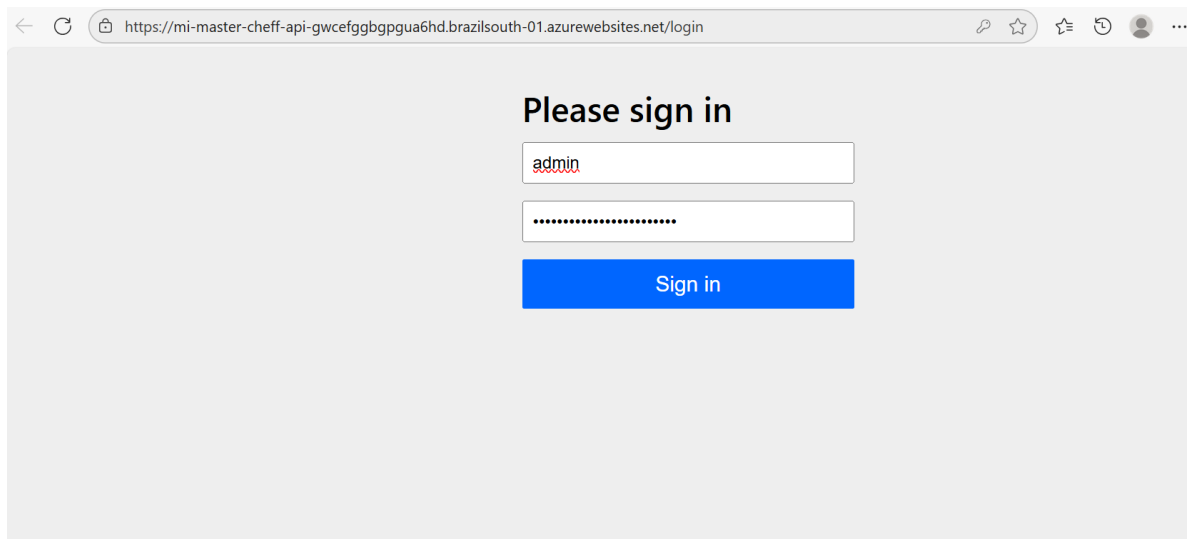
Deploy to Azure Web App 20s

11. Verificaciones de que la Appi Abra Swagger

Vamos al link del dominio

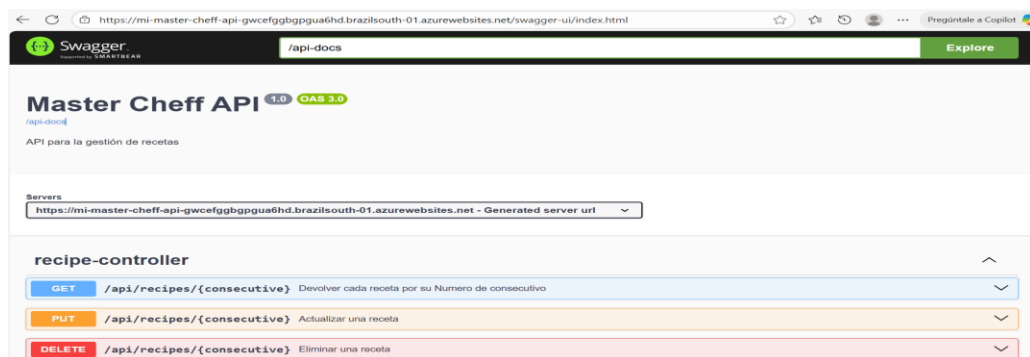


Ingresamos las credenciales:











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>



13. Verificación final:

Default					
Branch	Updated	Check status	Behind	Ahead	Pull request
<code>main</code> 	 3 minutes ago	 1 / 1		Default	 ...

Your branches					
Branch	Updated	Check status	Behind	Ahead	Pull request
<code>develop</code> 	 27 minutes ago	 2 / 2	1	0	 ...

Active branches					
Branch	Updated	Check status	Behind	Ahead	Pull request
<code>develop</code> 	 27 minutes ago	 2 / 2	1	0	 ...