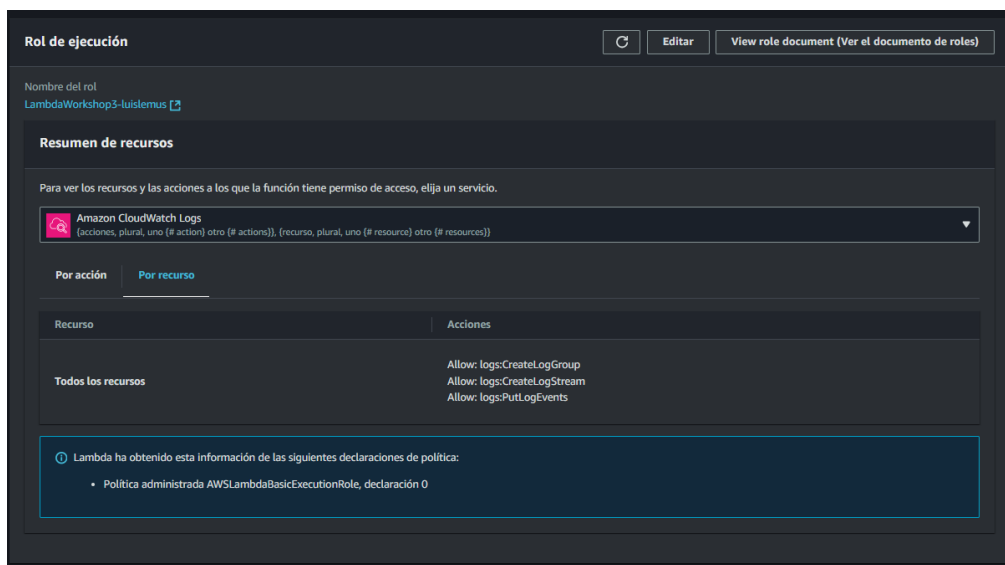
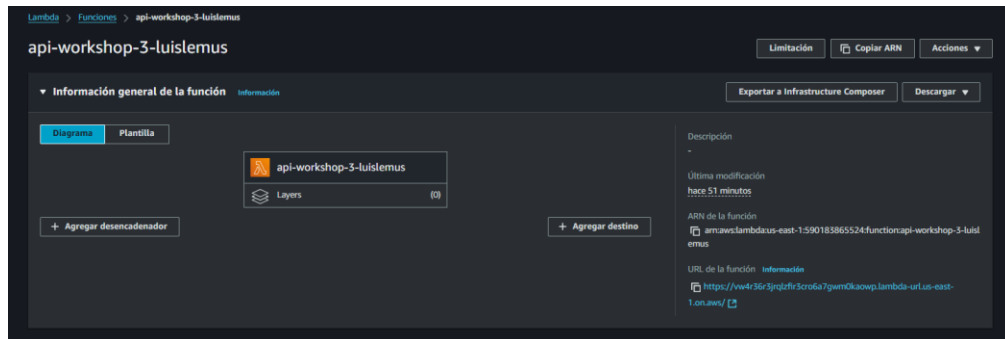
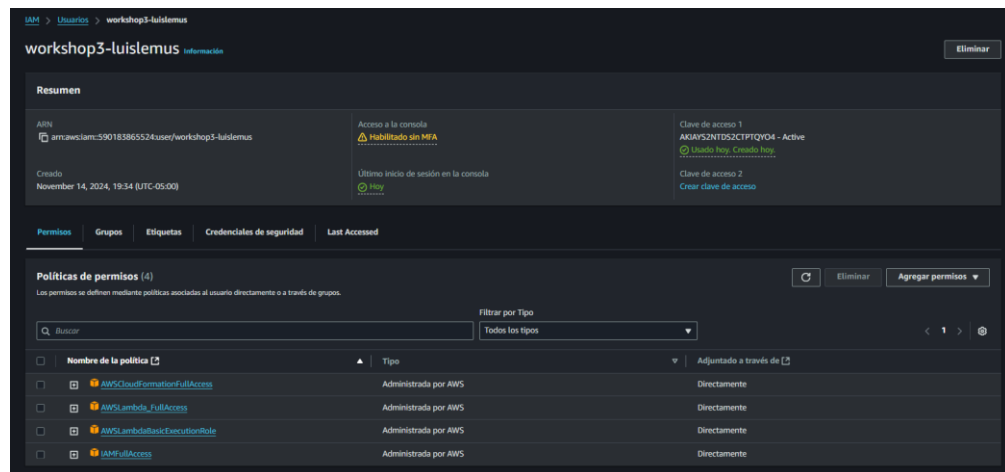


EVIDENCIAS WORKSHOP # 3

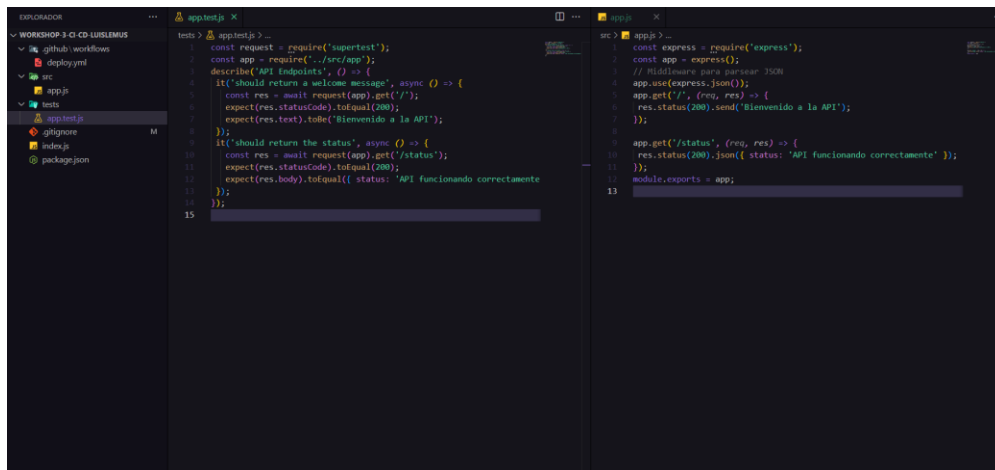
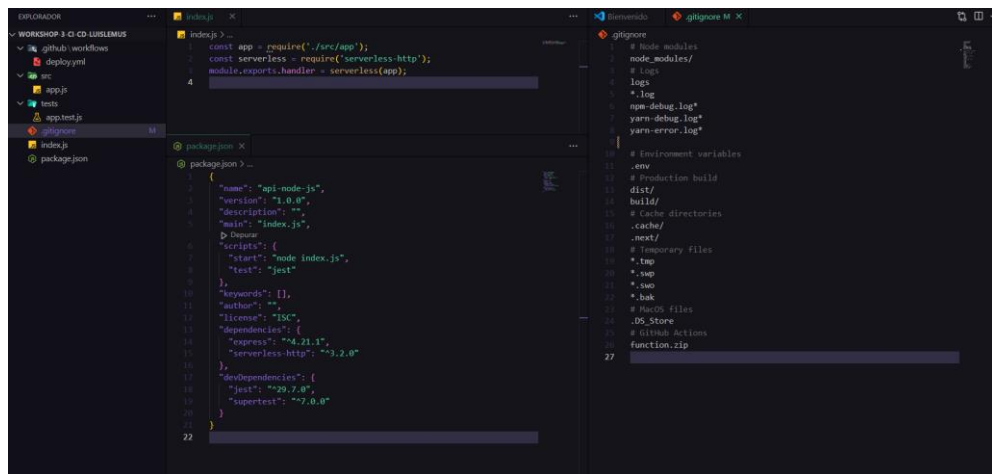
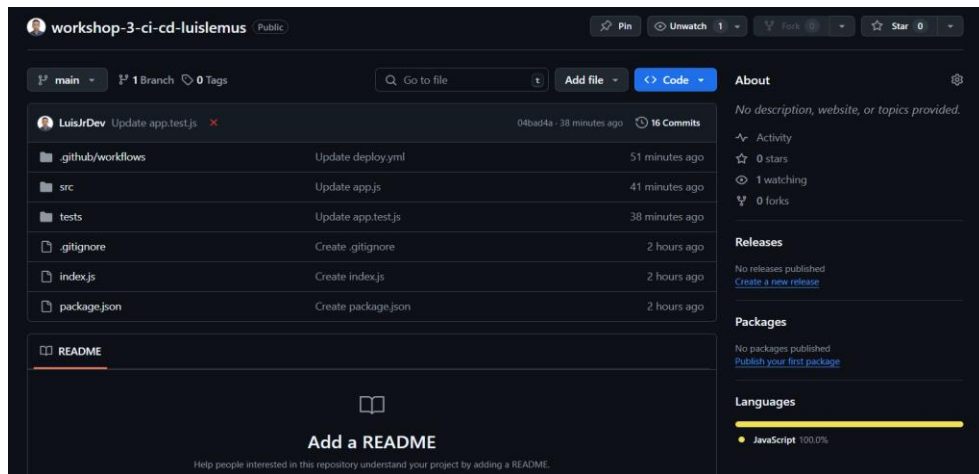
- **Creación lambda con su rol.**



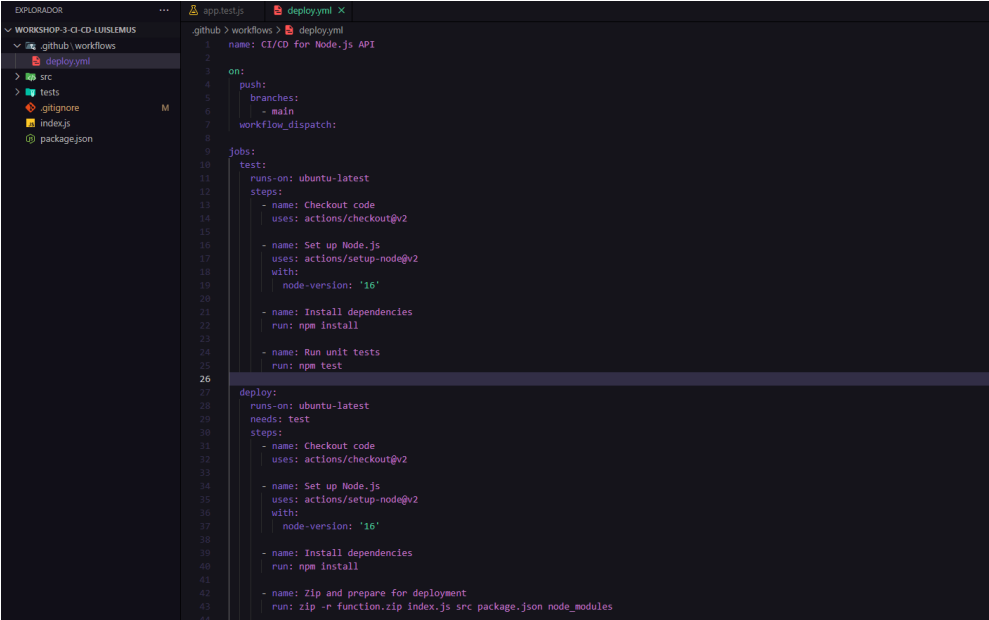
- **Creación usuario IAM.**



- **Creación de repositorio, y su código.**



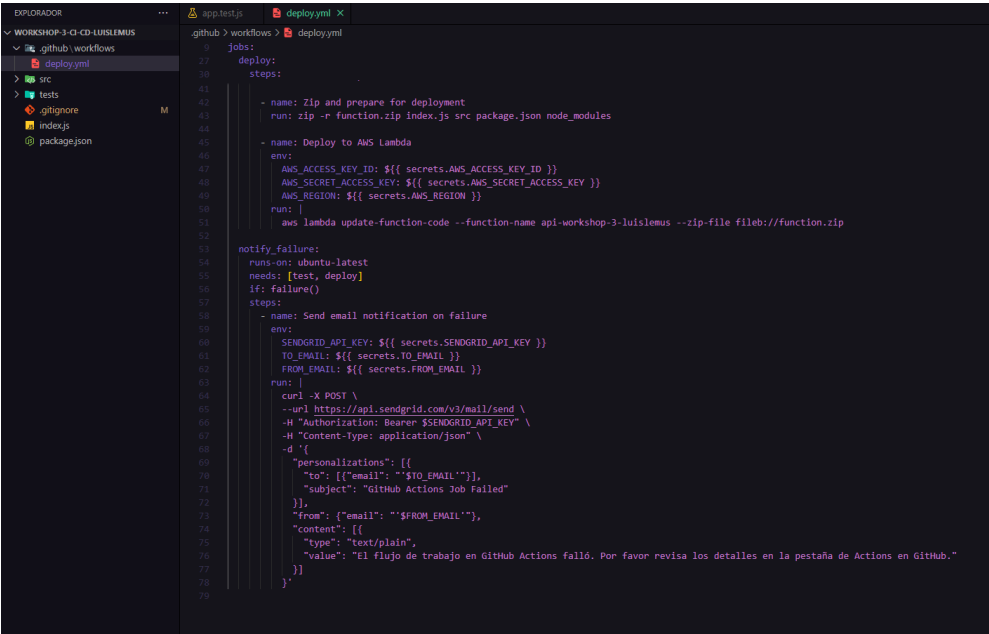
- **Captura de workflow.**



```

1  name: CI/CD for Node.js API
2
3  on:
4    push:
5      branches:
6        - main
7    workflow_dispatch:
8
9  jobs:
10   test:
11     runs-on: ubuntu-latest
12     steps:
13       - name: Checkout code
14         uses: actions/checkout@v2
15
16       - name: Set up Node.js
17         uses: actions/setup-node@v2
18         with:
19           node-version: '16'
20
21       - name: Install dependencies
22         run: npm install
23
24       - name: Run unit tests
25         run: npm test
26
27   deploy:
28     runs-on: ubuntu-latest
29     needs: test
30     steps:
31       - name: Checkout code
32         uses: actions/checkout@v2
33
34       - name: Set up Node.js
35         uses: actions/setup-node@v2
36         with:
37           node-version: '16'
38
39       - name: Install dependencies
40         run: npm install
41
42       - name: Zip and prepare for deployment
43         run: zip -r function.zip index.js src package.json node_modules
44

```

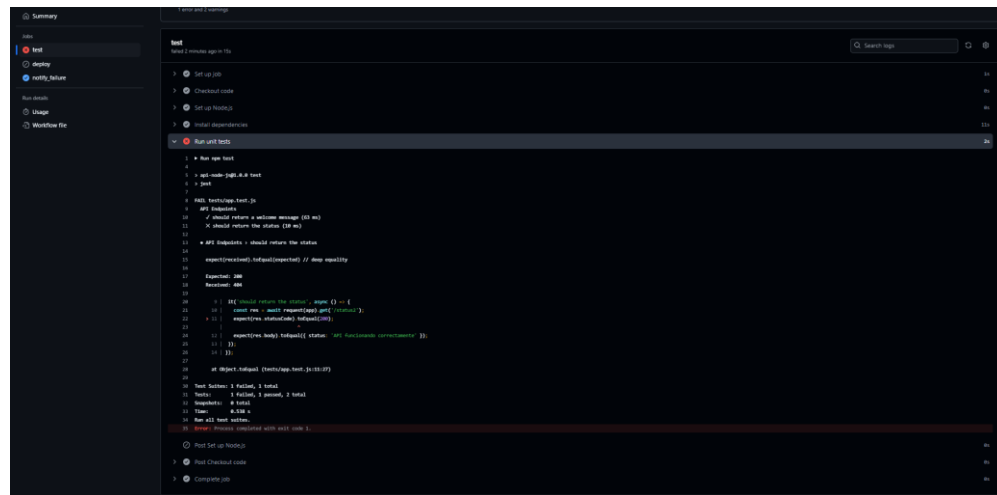
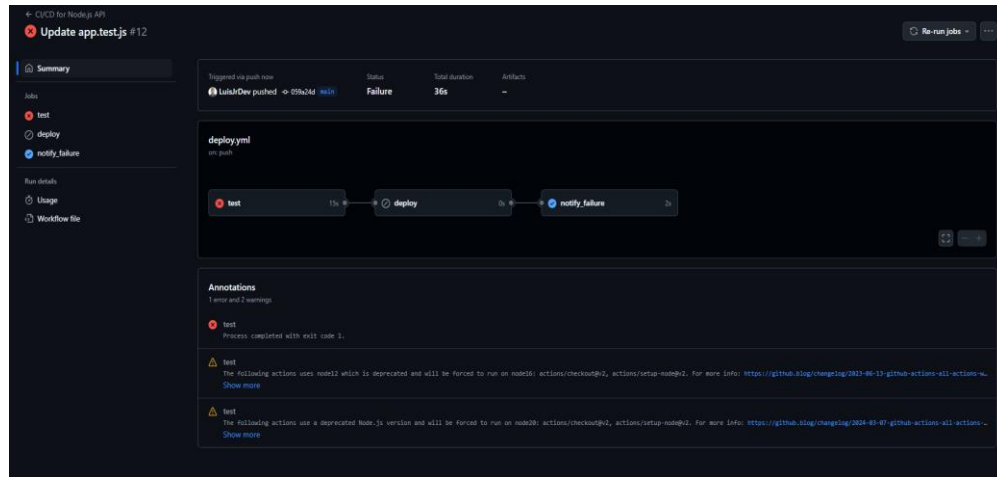


```


45       - name: Deploy to AWS Lambda
46         env:
47           AWS_ACCESS_KEY_ID: ${ secrets.AWS_ACCESS_KEY_ID }
48           AWS_SECRET_ACCESS_KEY: ${ secrets.AWS_SECRET_ACCESS_KEY }
49           AWS_REGION: ${ secrets.AWS_REGION }
50         run: |
51           aws lambda update-function-code --function-name api-workshop-3-luislemus --zip-file fileb://function.zip
52
53   notify_failure:
54     runs-on: ubuntu-latest
55     needs: [test, deploy]
56     if: failure()
57     steps:
58       - name: Send email notification on failure
59         env:
60           SENDGRID_API_KEY: ${ secrets.SENDGRID_API_KEY }
61           TO_EMAIL: ${ secrets.TO_EMAIL }
62           FROM_EMAIL: ${ secrets.FROM_EMAIL }
63         run: |
64           curl -X POST \
65             --url https://api.sendgrid.com/v3/mail/send \
66             -H "Authorization: Bearer $SENDGRID_API_KEY" \
67             -H "Content-Type: application/json" \
68             -d '{
69               "personalizations": [{
70                 "to": [{"email": ""$TO_EMAIL""}],
71                 "subject": "GitHub Actions Job Failed"
72               }],
73               "from": {"email": ""$FROM_EMAIL""},
74               "content": [{
75                 "type": "text/plain",
76                 "value": "El flujo de trabajo en GitHub Actions falló. Por favor revisa los detalles en la pestaña de Actions en GitHub."
77               }]
78             }'
79

```

- **Captura de Workflow fallido.**






[LuisJrDev/workshop-3-ci-cd-luislemus] CI/CD for Node.js API workflow run

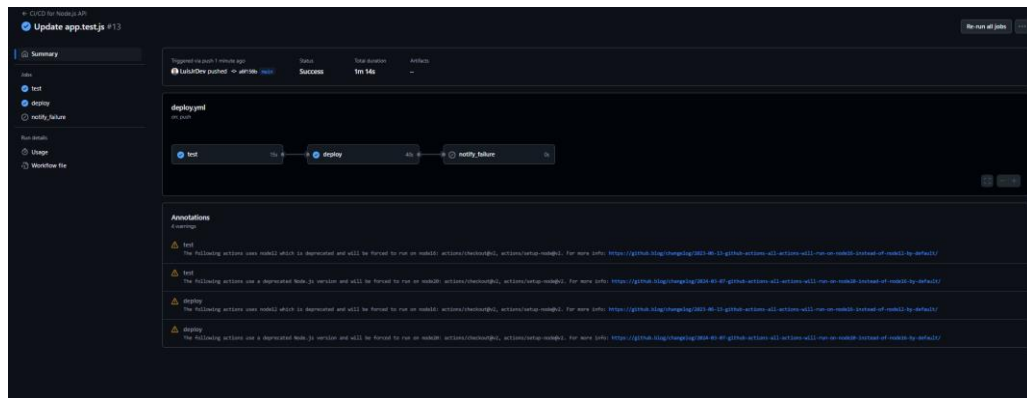


CI/CD for Node.js API: Some jobs were not successful

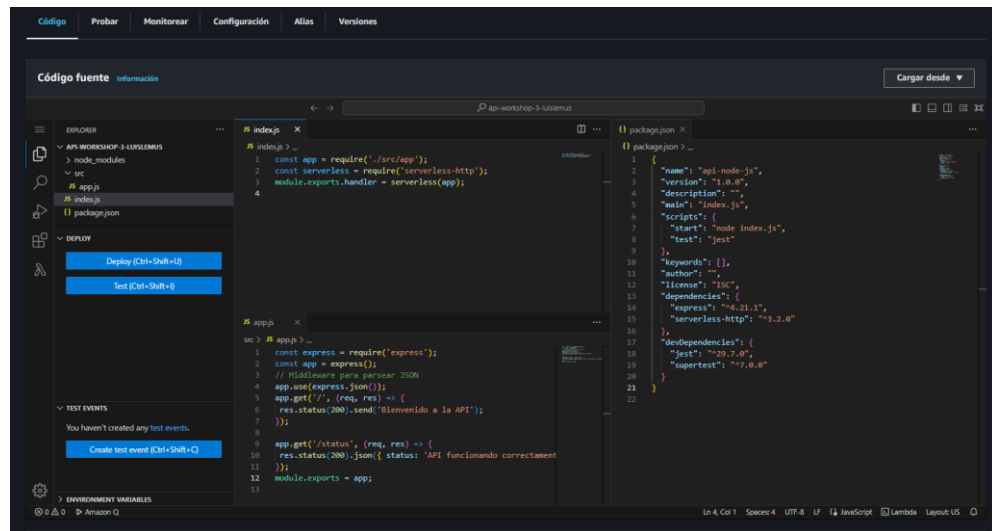
[View workflow run](#)

	CI/CD for Node.js API / test Failed in 15 seconds	1/3
	CI/CD for Node.js API / deploy Skipped	
	CI/CD for Node.js API / notify_failure Succeeded in 2 seconds	

- **Captura de Workflow satisfactorio.**



- **Captura código en lambda.**



- **Opcional - Captura de api funcionando por Function URL.**

