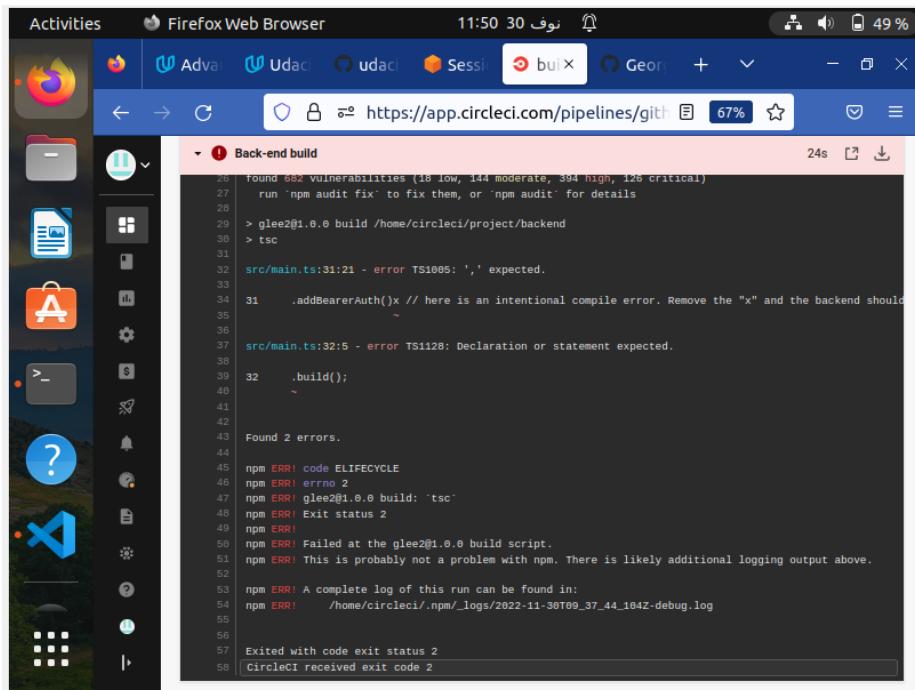


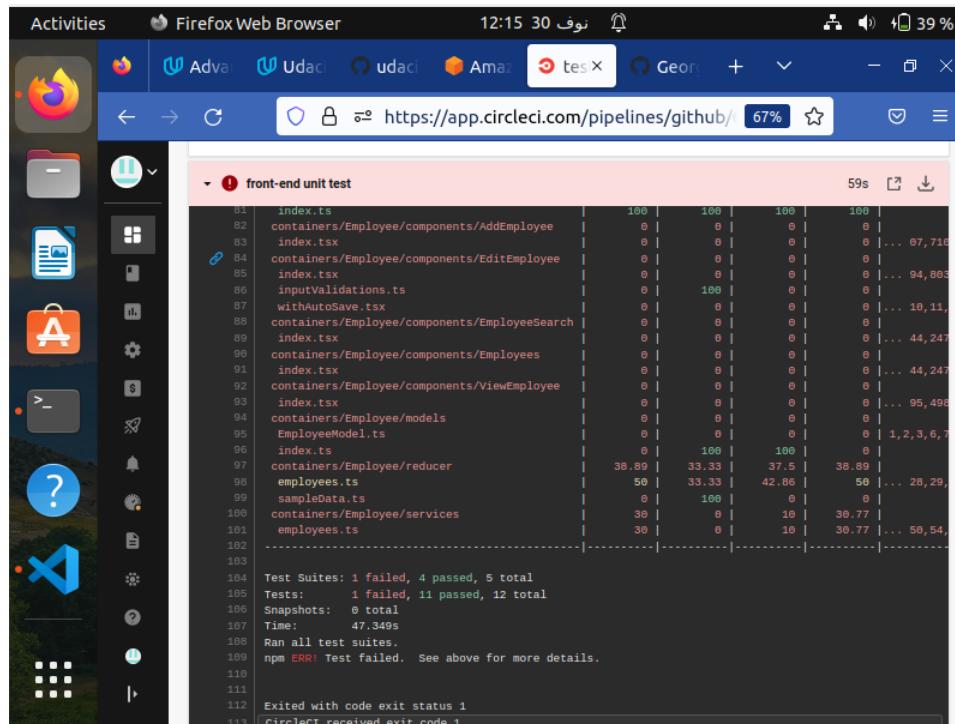
## Udapeople-proj Screenshots

Screenshot 1: build-backend job failure



```
Back-end build
24s
26 found 682 vulnerabilities (18 low, 144 moderate, 394 high, 126 critical)
27   run `npm audit fix` to fix them, or `npm audit` for details
28
29 > glee2@1.0.0 build /home/circleci/project/backend
30 > tsc
31
32 src/main.ts:31:21 - error TS1005: ',' expected.
33
34     .addBearerAuth()x // here is an intentional compile error. Remove the "x" and the backend should
35     ~
36
37 src/main.ts:32:5 - error TS1128: Declaration or statement expected.
38
39     .build();
40     ~
41
42 Found 2 errors.
43
44 npm ERR! code EILFECYCLE
45 npm ERR! errno 2
46 npm ERR! glee2@1.0.0 build: `tsc`
47 npm ERR! Exit status 2
48 npm ERR!
49 npm ERR! Failed at the glee2@1.0.0 build script.
50 npm ERR! This is probably not a problem with npm. There is likely additional logging output above.
51
52 npm ERR! A complete log of this run can be found in:
53 npm ERR!   /home/circleci/.npm/_logs/2022-11-30T09_37_44_104Z-debug.log
54
55
56
57 Exited with code exit status 2
58 CircleCI received exit code 2
```

Screenshot 2: test-frontend and test-backend jobs failed



|   | 100   | 100   | 100   | 100       |
|---|-------|-------|-------|-----------|
| index.ts  | 0     | 0     | 0     | 0         |
| containers/Employee/components/AddEmployee        | 0     | 0     | 0     | 0         |
| index.tsx   | 0     | 0     | 0     | 0         |
| containers/Employee/components/EditEmployee       | 0     | 0     | 0     | 0         |
| index.tsx   | 0     | 0     | 0     | 0         |
| inputValidations.ts                               | 0     | 100   | 0     | 0         |
| withAutoSave.tsx                                  | 0     | 0     | 0     | 0         |
| containers/Employee/components/EmployeeSearch     | 0     | 0     | 0     | 0         |
| index.tsx   | 0     | 0     | 0     | 0         |
| containers/Employee/components/Employees          | 0     | 0     | 0     | 0         |
| index.tsx   | 0     | 0     | 0     | 0         |
| containers/Employee/components/ViewEmployee       | 0     | 0     | 0     | 0         |
| index.tsx   | 0     | 0     | 0     | 0         |
| containers/Employee/models                        | 0     | 0     | 0     | 0         |
| EmployeeModel.ts                                  | 0     | 0     | 0     | 1,2,3,6,7 |
| index.ts  | 0     | 100   | 100   | 0         |
| containers/Employee/reducer                       | 38.89 | 33.33 | 37.5  | 38.89     |
| employees.ts                                      | 50    | 33.33 | 42.86 | 50        |
| sampleData.ts                                     | 0     | 100   | 0     | 0         |
| containers/Employee/services                      | 30    | 0     | 10    | 30.77     |
| employees.ts                                      | 30    | 0     | 10    | 30.77     |
| -----   | ----- | ----- | ----- | -----     |
| Test Suites: 1 failed, 4 passed, 5 total          |       |       |       |           |
| Tests: 1 failed, 11 passed, 12 total              |       |       |       |           |
| Snapshots: 0 total                                |       |       |       |           |
| Time: 47.349s                                     |       |       |       |           |
| Ran all test suites.                              |       |       |       |           |
| npm ERR! Test failed. See above for more details. |       |       |       |           |
| -----   | ----- | ----- | ----- | -----     |
| Exited with code exit status 1                    |       |       |       |           |
| CircleCI received exit code 1                     |       |       |       |           |

```
Activities Firefox Web Browser 12:17 ٣٠ نوف 41 %
https://app.circleci.com/pipelines/github/... 67% 48s ⏪ ⏴

! back-end unit test
Summary of all failing tests
FAIL  src/modules/domain/employees/commands/handlers/employee-activator.handler.spec.ts
  • Employee Remover > when a user activates an employee > should activate the employee from the repos
    expect(jest.fn()).toBeCalledWith(...expected)

      Expected: 100
      Received: 101

    Number of calls: 1

      33 |
      34 |       // Assert
      > 35 |       expect(employeeRepository.findById).toBeCalledWith(100);
      |           ^
      36 |       expect(employeeRepository.save).toBeCalled();
      37 |   );
      38 | });

      at src/modules/domain/employees/commands/handlers/employee-activator.handler.spec.ts:35:43
      at fulfilled (src/modules/domain/employees/commands/handlers/employee-activator.handler.spec.ts:35:43)

Test Suites: 1 failed, 50 passed, 51 total
Tests:    1 failed, 78 passed, 79 total
Snapshots: 0 total
Time:    38.54s
Ran all test suites.
npm ERR! Test failed. See above for more details.

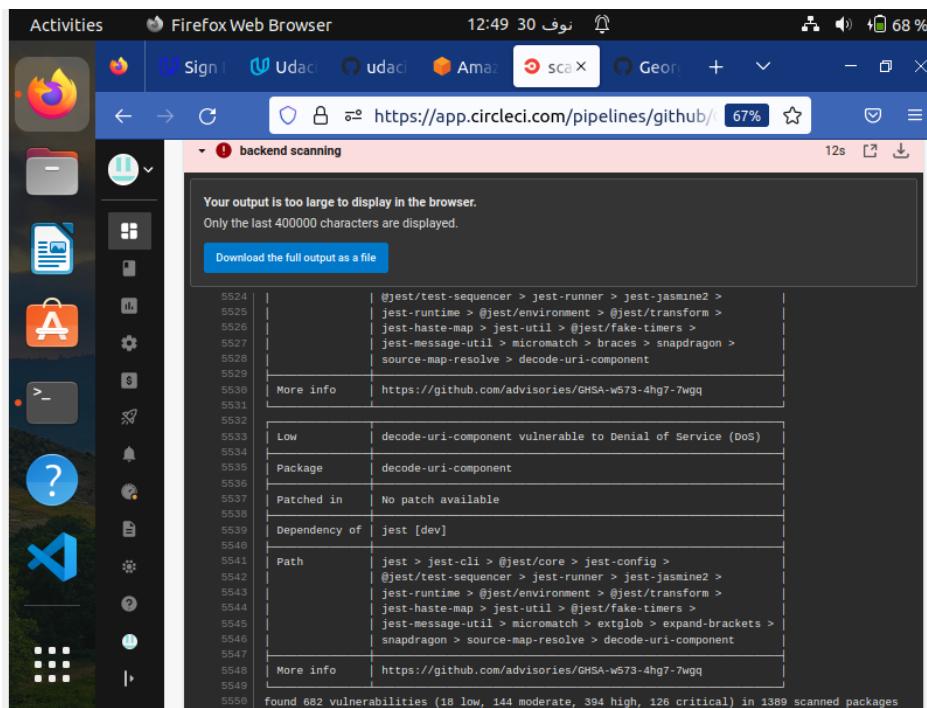
Exited with code exit status 1
CircleCI received exit code 1
```

Screenshot 3 : scan-frontend and scan-backend jobs failure

```
Activities Firefox Web Browser 12:36 ٣٠ نوف 56 %
https://app.circleci.com/pipelines/github/... 67% 13s ⏪ ⏴

! frontend scanning
Your output is too large to display in the browser.
Only the last 400000 characters are displayed.
Download the full output as a file

5539 |     | @jest/test-sequencer > jest-runner > jest-jasmine2 >
5540 |     | jest-runtime > @jest/environment > @jest/transform >
5541 |     | jest-haste-map > jest-util > @jest/fake-timers >
5542 |     | jest-message-util > micromatch > braces > snapdragon >
5543 |     | source-map-resolve > decode-uri-component
5544 |
5545 | More info | https://github.com/advisories/GHSA-w573-4hg7-7wgq
5546 |
5547 | Low | decode-uri-component vulnerable to Denial of Service (DoS)
5548 |
5549 | Package | decode-uri-component
5550 |
5551 | Patched in | No patch available
5552 |
5553 | Dependency of | jest [dev]
5554 |
5555 | Path | jest > jest-cli > @jest/core > jest-config >
5556 |       | @jest/test-sequencer > jest-runner > jest-jasmine2 >
5557 |       | jest-runtime > @jest/environment > @jest/transform >
5558 |       | jest-haste-map > jest-util > @jest/fake-timers >
5559 |       | jest-message-util > micromatch > extglob > expand-brackets >
5560 |       | snapdragon > source-map-resolve > decode-uri-component
5561 |
5562 |
5563 | More info | https://github.com/advisories/GHSA-w573-4hg7-7wgq
5564 |
5565 | found 709 vulnerabilities (21 low, 184 moderate, 365 high, 139 critical) in 1896 scanned packages
```



Screenshot 4: Email-Alert

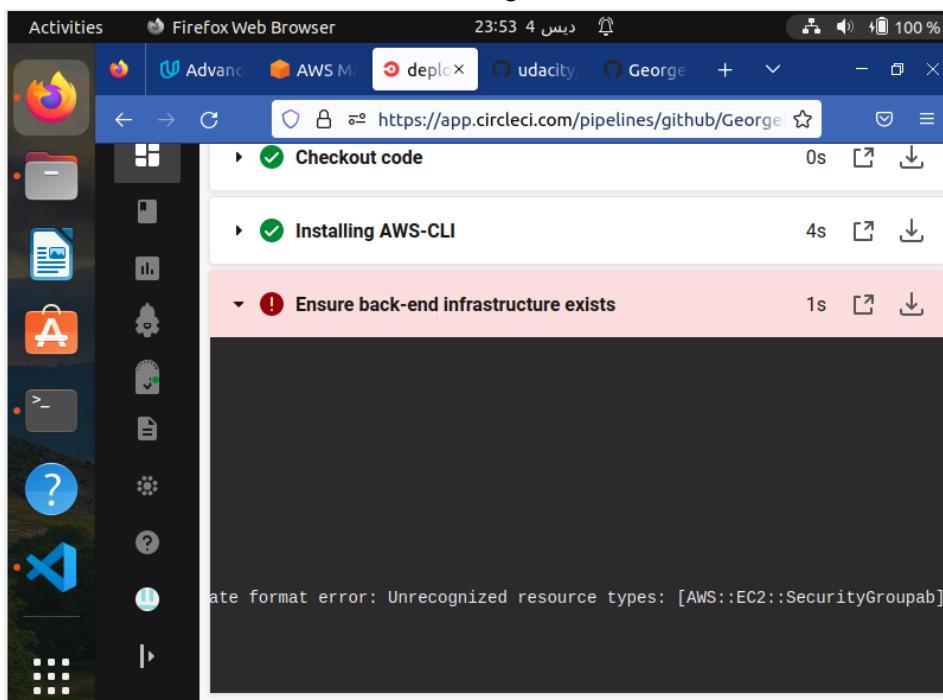
The screenshot shows an email alert from CircleCI. At the top is a red header bar with a large red circular icon containing a white 'X'. Below it is a red banner with the text "Uh-oh, this workflow did not succeed." The main content area has a light gray background and displays the following information:

**Author** GeorgeMaged  
**Project** GeorgeMaged/udapeople-proj  
**Workflow** default  
**Branch** mast  
**Commit** updating config.yml 92b6bb1

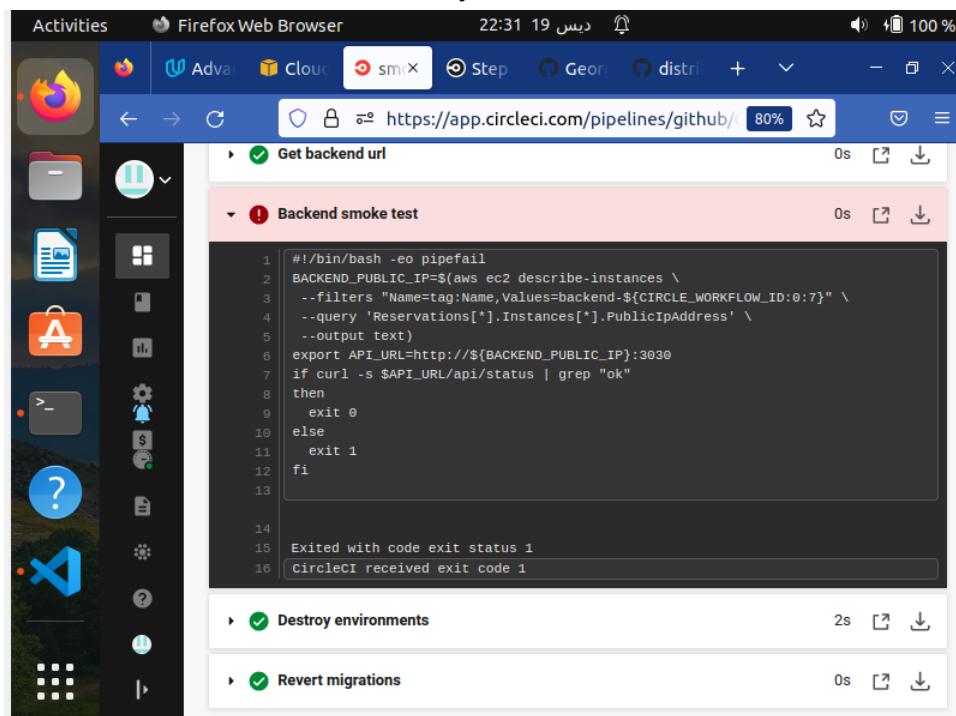
Below this is a table showing job status:

| Jobs           | Status  |
|----------------|---------|
| build-backend  | Success |
| t              | Success |
| scan-backend   | Failed  |
| build-front... | Success |
| scan-front...  | Failed  |
| t              | Success |

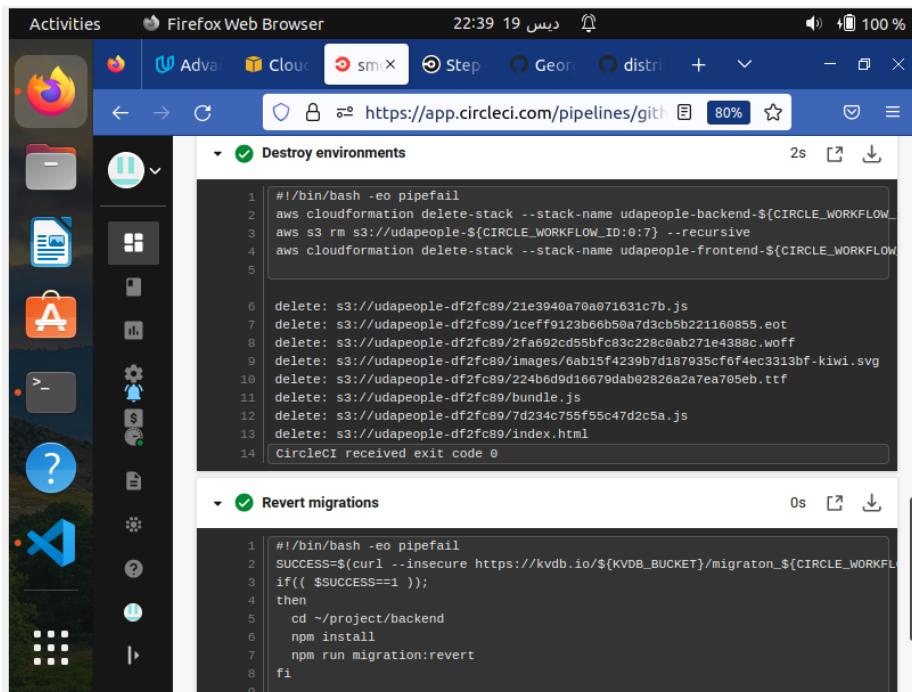
Screenshot 5 : Intentional error in configuration



Screenshot 6: Backend smoke test job failure



Screenshot 7: Successful Rollback



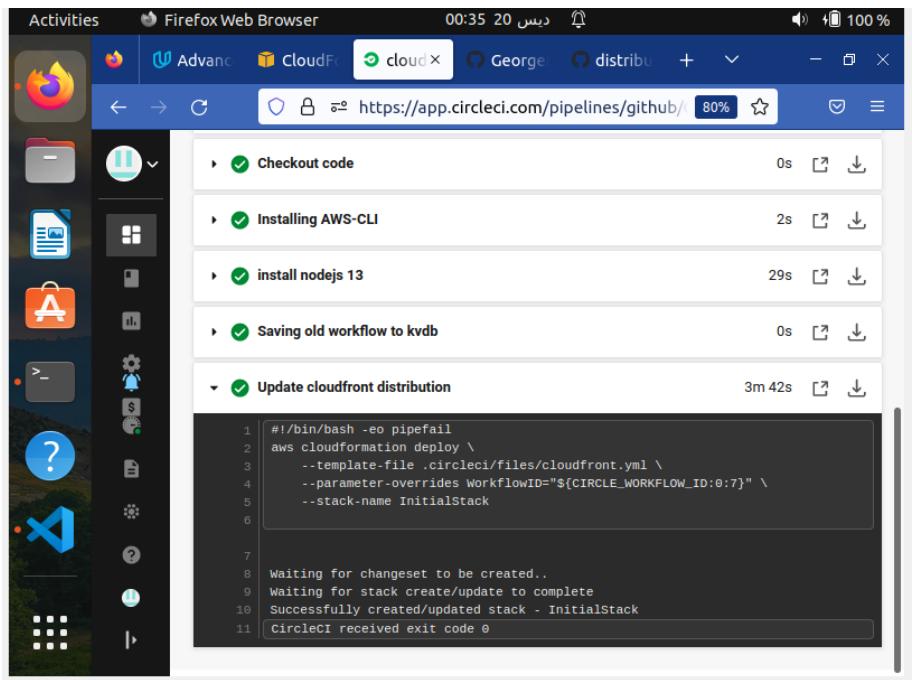
```
#!/bin/bash -eo pipefail
aws cloudformation delete-stack --stack-name udapeople-backend-${CIRCLE_WORKFLOW_ID:0:7}
aws s3 rm s3://udapeople-$[CIRCLE_WORKFLOW_ID:0:7] --recursive
aws cloudformation delete-stack --stack-name udapeople-frontend-${CIRCLE_WORKFLOW_ID:0:7}

delete: s3://udapeople-df2fc89/2ie3940a70a071631c7b.js
delete: s3://udapeople-df2fc89/iceff0123b66b50a7d3cb5b221160855.eot
delete: s3://udapeople-df2fc89/2fa692cd55fc83c228c0ab271e4388c.woff
delete: s3://udapeople-df2fc89/images/6ab15f4239b7d187935cf6f4ec3313bf-kiwi.svg
delete: s3://udapeople-df2fc89/224b6d9d16679dab02826a2a7ea705eb.ttf
delete: s3://udapeople-df2fc89/bundle.js
delete: s3://udapeople-df2fc89/7d234c755f5c47d2c5a.js
delete: s3://udapeople-df2fc89/index.html

circleCI received exit code 0

#!/bin/bash -eo pipefail
SUCCESS=$(curl -s -o /dev/null -w "%{http_code}" https://kvdb.io/${KVDB_BUCKET}/migration_${CIRCLE_WORKFLOW_ID:0:7})
if(( $SUCCESS==1 )); then
    cd ~/project/backend
    npm install
    npm run migration:revert
fi
```

Screenshot 8: Updating cloudfront distribution



```
#!/bin/bash -eo pipefail
aws cloudformation deploy \
--template-file .circleci/files/cloudfront.yml \
--parameter-overrides WorkflowID="${CIRCLE_WORKFLOW_ID:0:7}" \
--stack-name InitialStack

Waiting for changeset to be created..
Waiting for stack create/update to complete
Successfully created/updated stack - InitialStack

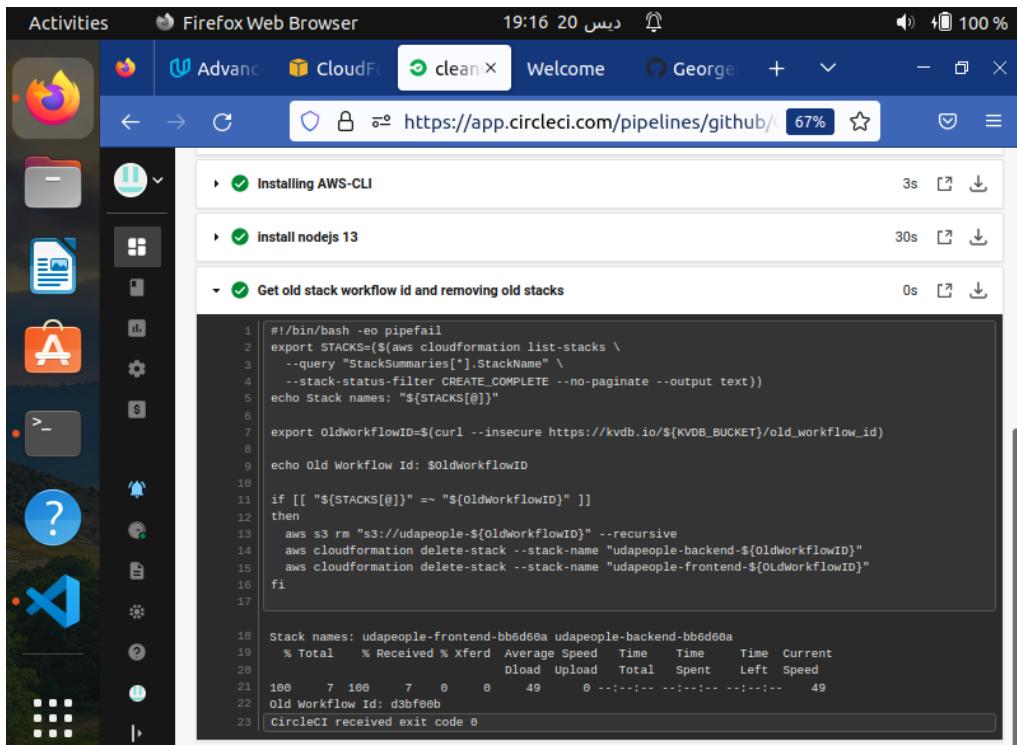
circleCI received exit code 0
```

## URL03\_SCREENSHOT: Production frontend

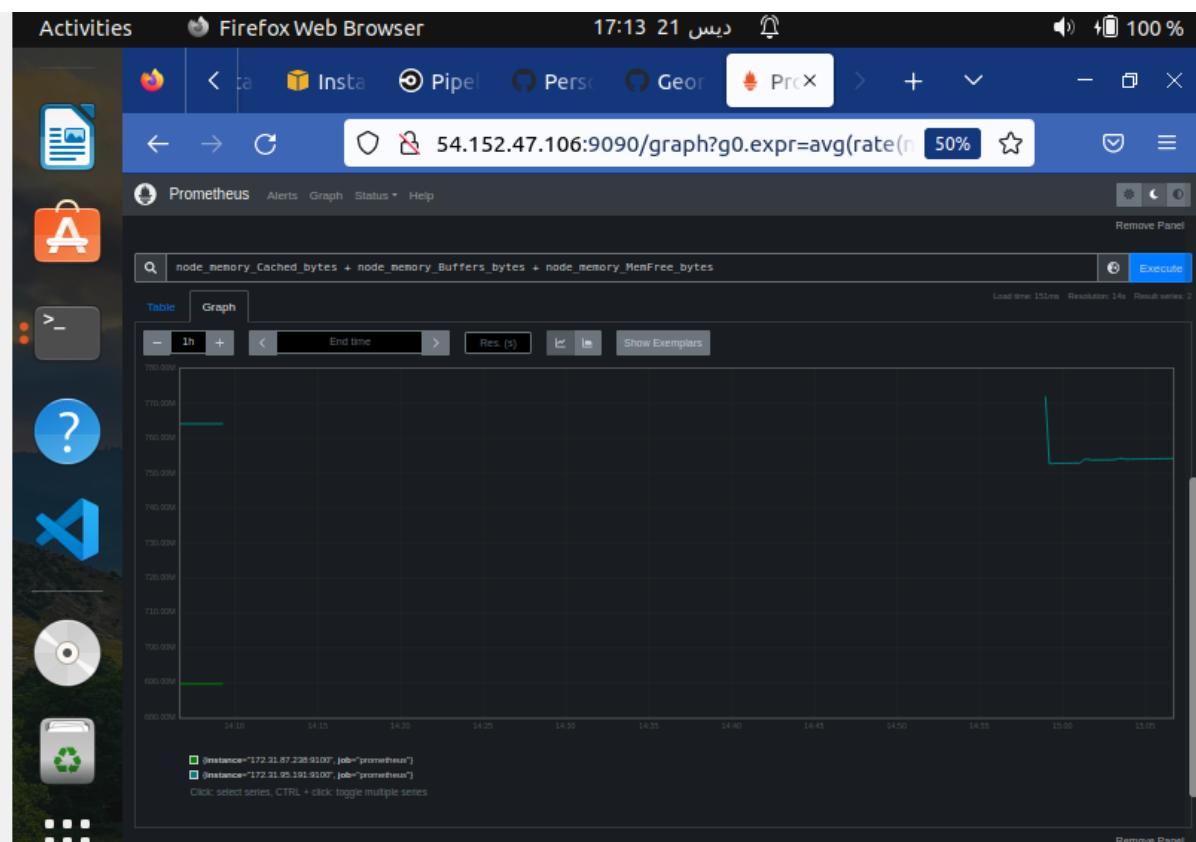
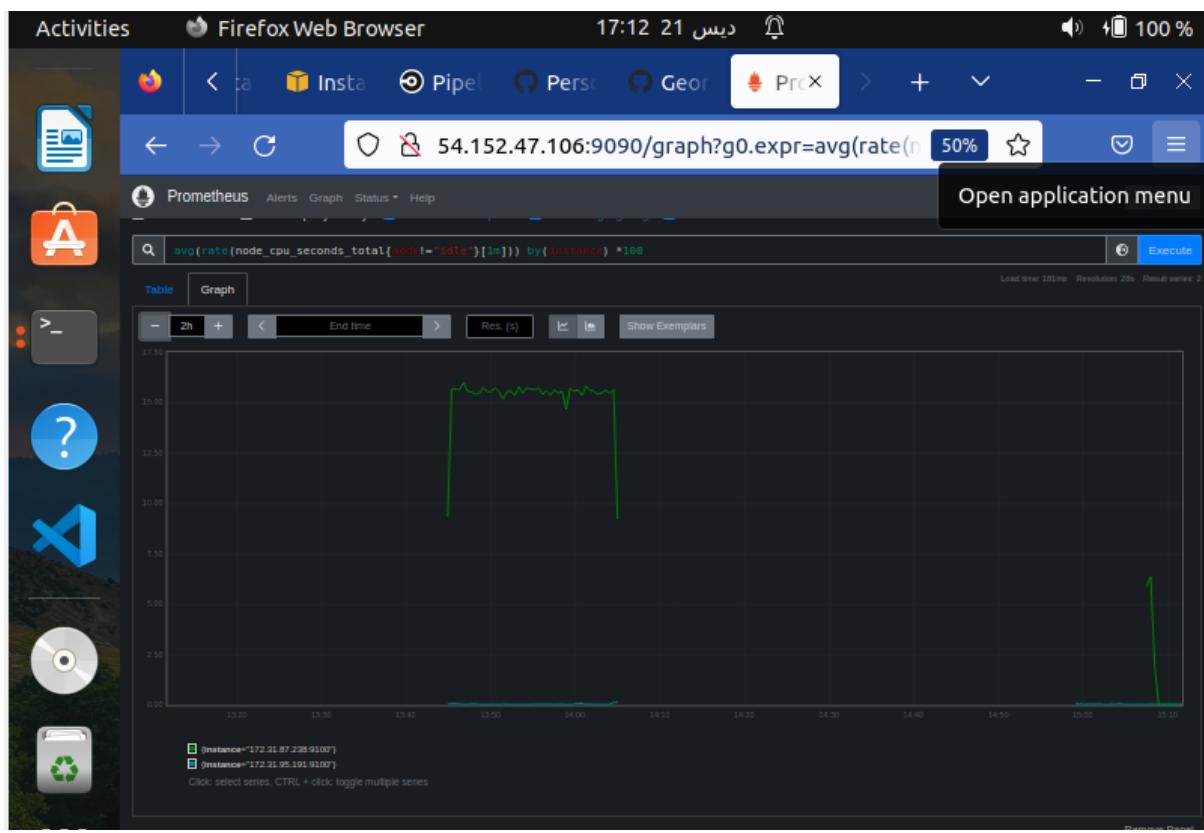
A screenshot of a Firefox browser window showing the AWS CloudFront Distributions page. The URL in the address bar is <https://us-east-1.console.aws.amazon.com>. The page displays a single distribution named "d3fwpjho6c7d9c.cloudfront.net" which is enabled and was last modified in December. The browser's activity bar shows various AWS services like Lambda, CloudWatch, and CloudFront.

A screenshot of a Firefox browser window showing an employee management application. The URL in the address bar is [d3fwpjho6c7d9c.cloudfront.net/#/employees](https://d3fwpjho6c7d9c.cloudfront.net/#/employees). The page title is "View & Manage Employees". It features a green "Add New Employee" button. Below it is a search bar and a table header with columns for Display Name, Last Name, Email, Tags, Birthdate, Start Date, and Action. The "Active" tab is selected. The browser's activity bar shows various AWS services like Lambda, CloudWatch, and CloudFront.

Screenshot 9: Deleting old stacks job done (Successful Cleanup)



Screenshot 11: Prometheus



Screenshot 12: Alert sent to mail

