

Udacity – Project 3

Github URL

URL01 - <https://github.com/talaam/udaproject3>

s3 url

URL02 - <http://udapeople-e73023b.s3-website-us-east-1.amazonaws.com>

CloudFront Distribution URL

URL03 - <https://d3k1lmq7175zp1.cloudfront.net>

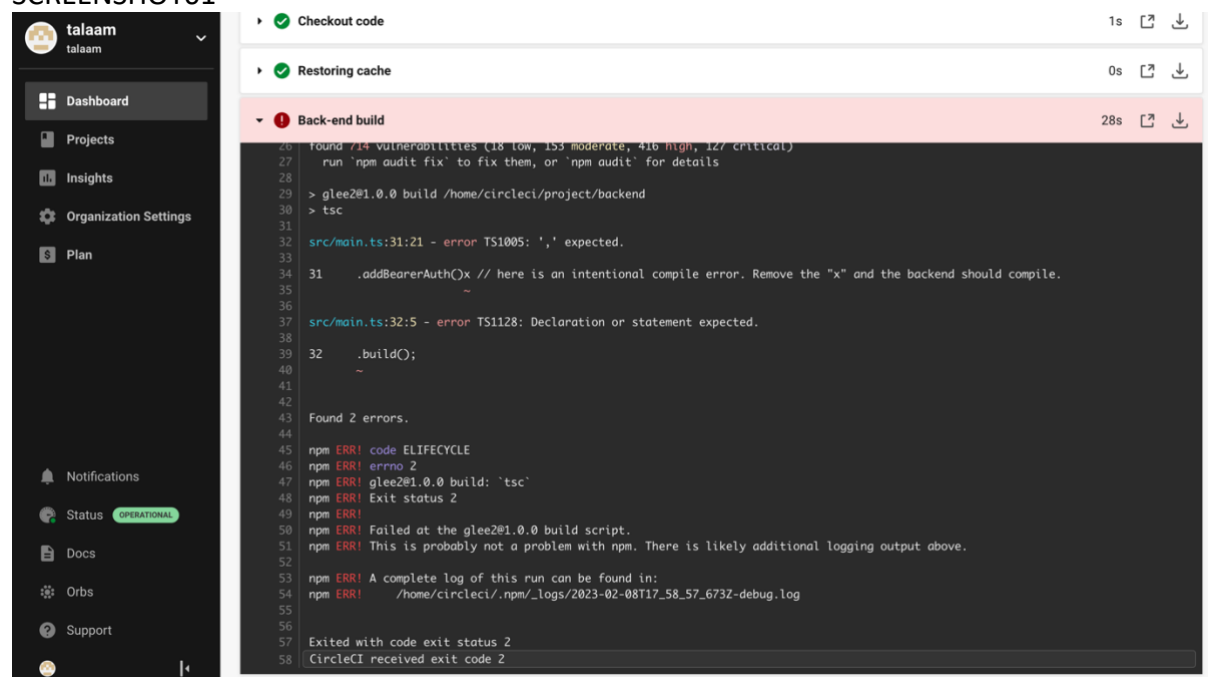
Backend URL

URL04 - <http://54.88.236.33:3030>

Prometheus URL

URL05 - <http://ec2-44-201-111-159.compute-1.amazonaws.com:9090/targets>

SCREENSHOT01



SCREENSHOT02

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Dashboard

Projects

Insights

Organization Settings

Plan

Notifications

Status OPERATIONAL

Docs

Orbs

Support

Spin up environment1s

Preparing environment variables0s

Checkout code0s

Restoring cache5s

Run frontend test1m 3s

Employee Remover › when a user activates an employee › should activate the employee from the repository

```
276
277
278 expect(jest.fn()).toBeCalledWith(...expected)
279
280 Expected: 100
281 Received: 101
282
283 Number of calls: 1
284
285     33 |
286     34 | // Assert
287 > 35 | expect(employeeRepository.findById).toBeCalledWith(100);
    |                                     ^
288     36 | expect(employeeRepository.save).toBeCalled();
289     37 | });
290     38 | });
291
292
293 at src/modules/domain/employees/commands/handlers/employee-activator.handler.spec.ts:35:43
294 at fulfilled (src/modules/domain/employees/commands/handlers/employee-activator.handler.spec.ts:5:58)
295
296 Test Suites: 1 failed, 50 passed, 51 total
297 Tests: 1 failed, 78 passed, 79 total
298 Snapshots: 0 total
299 Time: 40.304s
300 Ran all test suites.
301
302 npm ERR! code ELIFECYCLE
```

SCREENSHOT03

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Support

Checkout code0s

Restoring cache5s


Scan frontend28s

Your output is too large to display in the browser.
Only the last 400000 characters are displayed.

Download the full output as a file

```
5576
5577
5578 | High | qs vulnerable to Prototype Pollution
5579 | Package | qs
5580 | Patched in | >=6.5.3
5581 | Dependency of | glee-jwks-rsa
5582 | Path | glee-jwks-rsa > request > qs
5583 | More info | https://github.com/advisories/GHSA-hrpp-h998-j3pp
5584
5585 | High | qs vulnerable to Prototype Pollution
5586 | Package | qs
5587 | Patched in | >=6.5.3
5588 | Dependency of | winston-loggly-bulk
5589 | Path | winston-loggly-bulk > node-loggly-bulk > request > qs
5590 | More info | https://github.com/advisories/GHSA-hrpp-h998-j3pp
5591
5592
5593
5594
5595
5596
5597
5598
5599
5600
5601
5602
```

SCREENSHOT04



Uh-oh, this workflow did not succeed.







Author [Talaam Obadiah](#)

Project [talaam/udaproject3](#)

Workflow [default](#)


Branch [main](#)


Commit [clean scans 7f5b9ac](#)


Jobs		
build-backend		Success
build-frontend		Success
scan-frontend		Failed
test-frontend		Success
scan-backend		Failed
test-backend		Success
















SCREENSHOT05

Parallel runs

**0**
00:10

 **Use parallelism to run faster tests**
Parallelism speeds up tests by splitting them across multiple executors.

[Go to Docs](#) 

▶  Spin up environment	1s		
▶  Preparing environment variables	0s		
▶  Checkout code	0s		
▶  yum install tar gzip -y	7s		
▼  Ensure back-end infrastructure exists	0s		

```
1 #!/bin/bash -eo pipefail
2 aws cloudformation deploy \
3   --template-file .circleci/files/backend.yml \
4   --stack-name "udapeople-backend-${CIRCLE_WORKFLOW_ID:0:7}" \
5   --parameter-overrides ID="${CIRCLE_WORKFLOW_ID:0:7}" \
6   --tags project=udapeople
7
8
9 An error occurred (AccessDenied) when calling the DescribeStacks operation: User: arn:aws:iam::370898376627:user/udapeople_deploy is
10
11 Exited with code exit status 254
12 CircleCI received exit code 254
```

SCREENSHOT06

▶ Get backend url and Backend smoke test1m 0s

▼ Frontend smoke test.0s

```
1  #!/bin/sh -eo pipefail
2  URL="http://udapeople-${CIRCLE_WORKFLOW_ID:0:7}.s3-website-us-east-1.amazonaws.com/#/employees"
3  echo ${URL}
4  if curl -s ${URL} | grep "Welcome"
5  then
6      # Change this to 0 after the job fails
7      return 1
8  else
9      return 1
10 fi
11
12 http://udapeople-e7258b3.s3-website-*****.amazonaws.com/#/employees
13 Welcome
14
15 Exited with code exit status 1
16 CircleCI received exit code 1
```

SCREENSHOT07

▶ Get backend url and Backend smoke test1m 0s

▼ Frontend smoke test.0s

```
1  #!/bin/sh -eo pipefail
2  URL="http://udapeople-${CIRCLE_WORKFLOW_ID:0:7}.s3-website-us-east-1.amazonaws.com/#/employees"
3  echo ${URL}
4  if curl -s ${URL} | grep "Welcome"
5  then
6      # Change this to 0 after the job fails
7      return 1
8  else
9      return 1
10 fi
11
12 http://udapeople-79c0328.s3-website-*****.amazonaws.com/#/employees
13 Welcome
14
15 Exited with code exit status 1
16 CircleCI received exit code 1
```

SCREENSHOT08

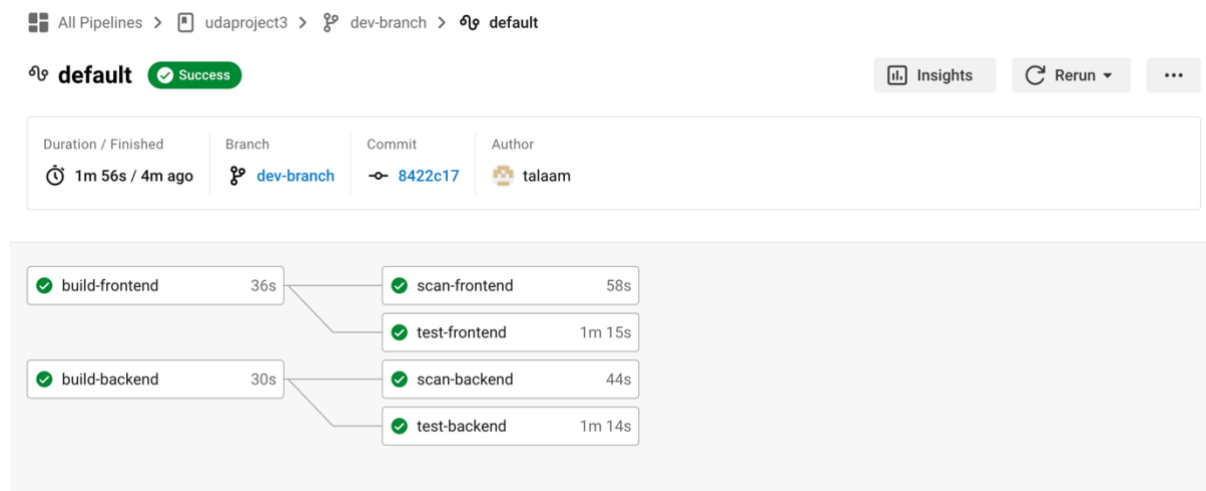
▼ Update cloudfront distribution3m 37s

```
1  #!/bin/bash -eo pipefail
2  # your code here
3  aws cloudformation deploy \
4  --template-file .circleci/files/cloudfront.yml \
5  --stack-name InitialStack \
6  --parameter-overrides WorkflowID="udapeople-${CIRCLE_WORKFLOW_ID:0:7}" \
7  --tags project=udapeople
8  echo OldWorkflowID: $(cat ~/project/OldWorkflowID.txt)
9  echo CurrentWorkflowID: "${CIRCLE_WORKFLOW_ID:0:7}"
10
11
12 Waiting for changeset to be created..
13 Waiting for stack create/update to complete
14 Successfully created/updated stack - InitialStack
15 OldWorkflowID: 
16 CurrentWorkflowID: 38eed73
17 CircleCI received exit code 0
```

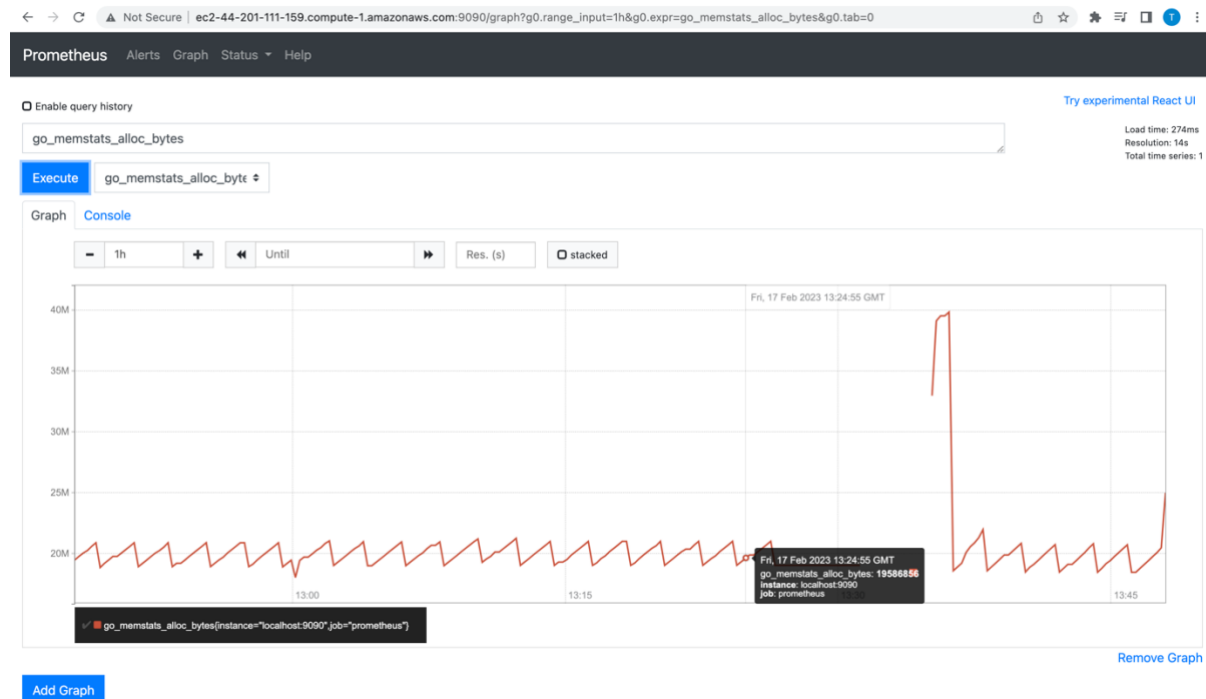
SCREENSHOT09

```
1 #!/bin/bash -eo pipefail
2 # your code here
3 export STACKS=$(aws cloudformation list-stacks --query "StacksSummaries[*].StackName" \
4 --stack-status-filter CREATE_COMPLETE --no-paginate --output text))
5 echo Stack names: "${STACKS[@]}"
6 cat ~/project/OldWorkflowID.txt
7 export OldWorkflowID=$(cat ~/project/OldWorkflowID.txt)
8 echo OldWorkflowID: "${OldWorkflowID}"
9
10 Stack names: None
11 [ "udapeople-88e156a" ]
12 OldWorkflowID: [ "udapeople-88e156a" ]
13 CircleCI received exit code 0
```

SCREENSHOT10



SCREENSHOT11



SCREENSHOT12

Alerts

Inactive (0) Pending (0) Firing (1)

Show annotations

/etc/prometheus/rules.yml > Down

InstanceDown (1 active)

```
alert: InstanceDown
expr: up == 0
for: 2m
labels:
  description: (instance {{ $labels.instance }}) has been down for the last 2 minutes
  severity: critical
  summary: Instance (instance {{ $labels.instance }}) is Down
```

Labels	State	Active Since	Value
alertname="InstanceDown" descriptions="(instance ip-172-31-92-15.ec2.internal:9100) has been down for the last 2 minutes" instance="ip-172-31-92-15.ec2.internal:9100"	FIRING	2023-02-17	0
job="udapeople" severity="critical" summary="Instance (instance ip-172-31-92-15.ec2.internal:9100) is Down"		13:35:29.214668377 +0000 UTC	