

# Software Engineering and DevOps – Solution Template

Archive the document after providing the solution resources and upload in the form here:

Note: The system saves only the last uploaded archive!

Good luck! 😊

## Solution Resources

Please provide the following resources for your solution.

### 1. GitHub repository

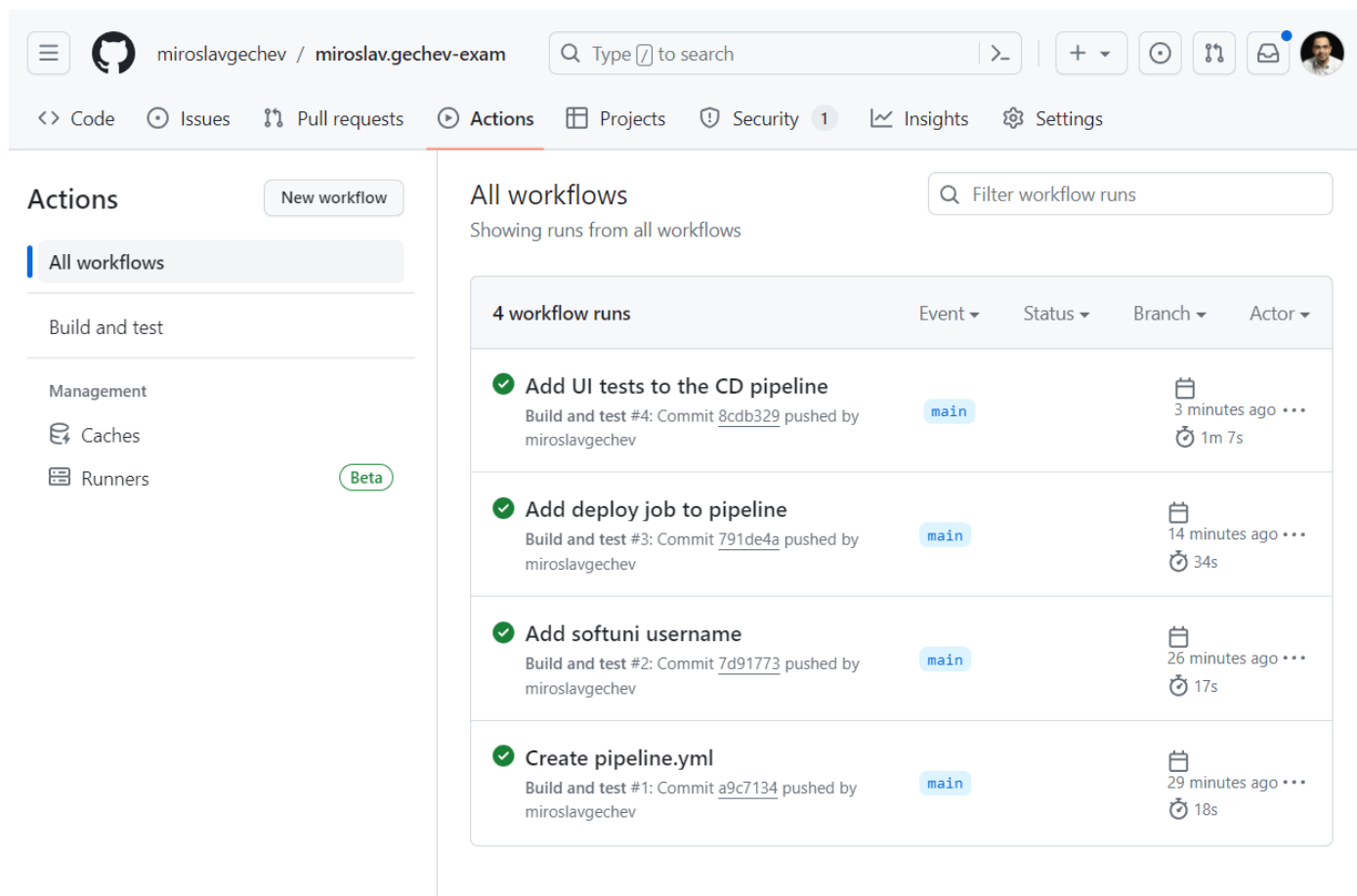
- Link: <https://github.com/miroslavgechev/miroslav.gechev-exam>

### 2. Render.com link

- Link: <https://miroslavgechev.onrender.com/>

### 3. GitHub Actions Screenshot

Place the image here or in the archive (outside of the document):



The screenshot displays the GitHub Actions page for the repository 'miroslavgechev / miroslav.gechev-exam'. The left sidebar shows the 'Actions' tab with a 'New workflow' button and a list of workflow categories: 'All workflows', 'Build and test', 'Management', 'Caches', and 'Runners'. The main area is titled 'All workflows' and shows 'Showing runs from all workflows'. A search bar 'Filter workflow runs' is present. Below, a table lists the '4 workflow runs' with columns for Event, Status, Branch, and Actor. All runs are on the 'main' branch and were pushed by 'miroslavgechev'.

Event	Status	Branch	Actor
✓ Add UI tests to the CD pipeline Build and test #4: Commit 8cdb329 pushed by miroslavgechev	main	main	3 minutes ago ... 1m 7s
✓ Add deploy job to pipeline Build and test #3: Commit 791de4a pushed by miroslavgechev	main	main	14 minutes ago ... 34s
✓ Add softuni username Build and test #2: Commit 7d91773 pushed by miroslavgechev	main	main	26 minutes ago ... 17s
✓ Create pipeline.yml Build and test #1: Commit a9c7134 pushed by miroslavgechev	main	main	29 minutes ago ... 18s

miroslavgechev / miroslavgechev-exam

Type 7 to search

<> Code

Issues

Pull requests

Actions

Projects

Security 1

Insights

Settings

Build and test

✓ Add UI tests to the CD pipeline #4

Re-run all jobs

Summary

Jobs

Run details

build-test

deploy

run-ui-tests

Usage

Workflow file

Triggered via push 4 minutes ago

Status

Total duration

Artifacts

miroslavgechev pushed 8cdb329 main

Success

1m 7s

-

pipeline.yml

on: push

build-test 6s

deploy 9s

run-ui-tests 25s

-

+

← Build and test

## ✓ Add UI tests to the CD pipeline #4

Re-run all jobs

Summary

Jobs

✓ build-test

✓ deploy

✓ run-ui-tests

Run details

Usage

Workflow file

### build-test

succeeded 5 minutes ago in 6s

Search logs

- > ✓ Set up job 1s
- > ✓ Checkout the repo 0s
- > ✓ Use Node.js 18.x 1s
- > ✓ Install project dependencies 2s
- > ✓ Run unit test for the application 1s
- > ✓ Display Softuni Username 0s
- > ✓ Post Use Node.js 18.x 0s
- > ✓ Post Checkout the repo 0s
- > ✓ Complete job 0s

← Build and test

## ✓ Add UI tests to the CD pipeline #4

Re-run all jobs




### Summary

#### Jobs

- ✓ build-test
- ✓ **deploy**
- ✓ run-ui-tests

#### Run details

-  Usage
-  Workflow file

### deploy

succeeded 5 minutes ago in 9s

Search logs



- > ✓ Set up job 2s
- > ✓ Deploy to production 2s
- > ✓ Complete job 0s

miroslavgechev / miroslav.gechev-exam

Type  to search

>\_

+ ▾

<> Code

Issues

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Security 1

Insights

Settings

← Build and test

✓ Add UI tests to the CD pipeline #4

Re-run all jobs

...

Summary

Jobs

✓ build-test

✓ deploy

✓ run-ui-tests

Run details

Usage

Workflow file

run-ui-tests

succeeded 5 minutes ago in 25s

Search logs

> ✓ Set up job

1s

> ✓ Checkout the repo

0s

> ✓ Use Node.js 18.x

3s

> ✓ Install project dependencies

2s

> ✓ Install Playwright

9s

> ✓ Run UI test for the application

5s

> ✓ Post Use Node.js 18.x

0s

> ✓ Post Checkout the repo

0s

> ✓ Complete job

0s

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