UDACITY

الانتقال إلى Classroom

Hosting a Full-Stack Application

مراجعة

مراجعة التعليمات البرمجية

سجل المشروع

يتطلب تغييرات

مواصفتان مطلوب التغييرات

Hello Student,😄

You did a great job in this submission. Most of the points of the rubric are successfully met except for some. Good to see that you have successfully configured the CircleCI pipeline and also connected it with your Github repo. Also provided the required diagrams, showing that you are really devoting your time and dedication to this project 👏 but there is still room for improvements in your project that has to be completed before we can raise the flag of victory ⛳. Don't worry, I have explained the issues in detail in all rubric points, you can go through these and 🤷.resolve the issue, and if you feel stuck we are there with you in Knowledge Hub

You are close to the appropriate project, however, you need to correct some small points before you're all set to .go

- .Replace the local URL with the URL of the backend in the environment files of frontend and deploy again
- .Provide all the required documents as explained in the rubric point

I would suggest you go through each rubric point as there are suggestions for .improvements and links for more resources

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:Resources

:If you want to explore more, you can go through the following links

- optimization tips for your CI configuration 6
- Benefits of Implementing a CI/CD Pipeline
- The Importance of Documentation
- ?How to debug containers running in an AWS Beanstalk

PS: If you have any doubts regarding any of the concepts, feel free to search or post a question on Knowledge where many of the fellow students and mentors may have faced the same situation before and would have provided the .appropriate steps to resolve it

Hoping this review helps you in your future submissions, looking for the positive feedback as this helps us in 😇 .motivating ourselves

✌.Have a Good Day, Stay Safe, and All the Best for the future

Keep Learning and Stay Udacious

Preparing source code infrastructure for deployment

No environment variables that change from the development environment and production should be .present in the source code

A central configuration file is used in order to set the environment variables and make them available to the .code

.No authentication strings are hard-coded in the source code

:A project-level package.json file should contain scripts for running

- Tests
- Builds

.Any new dependencies should be located in the `devDependencies` section of the `package.json`

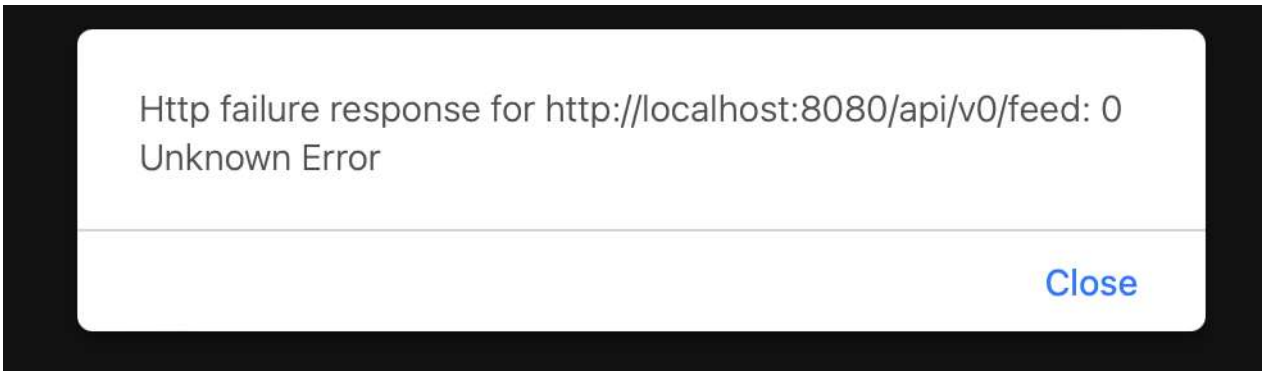
Screenshots of the AWS console indicate that the following services are properly set up, i.e. healthy and :accessible

- AWS RDS for the database
- AWS ElasticBeanstalk (or alternatives like lambda) for the API
- AWS s3 for web hosting

.The app is accessible via the link provided

:All the below screenshots are provided

- ✅ RDS Database
- ✅ S3 Bucket
- ✅ Elastic Beanstalk
- ❌ .App is accessible via the given link of S3 bucket
  - You must update the URL in the `environment.ts` and `environment.prod.ts` with one of the .hosted elastic beanstalk



Configuring Continuous Integration Pipeline with Github

A screenshot of the last build shows that the student's CircleCi account is authorized to access his/her repo .on Github and is detecting changes each time he/she is pushing to the main branch

Optionally, a build status badge is present in the README.md, indicating the current state of the main .branch build

:All the below points are covered

- ✅ .CicleCI account is authorized to access the repo on Github

- ✅ .The last build was a success
- ✅ .Deployment is restricted to only the main branch

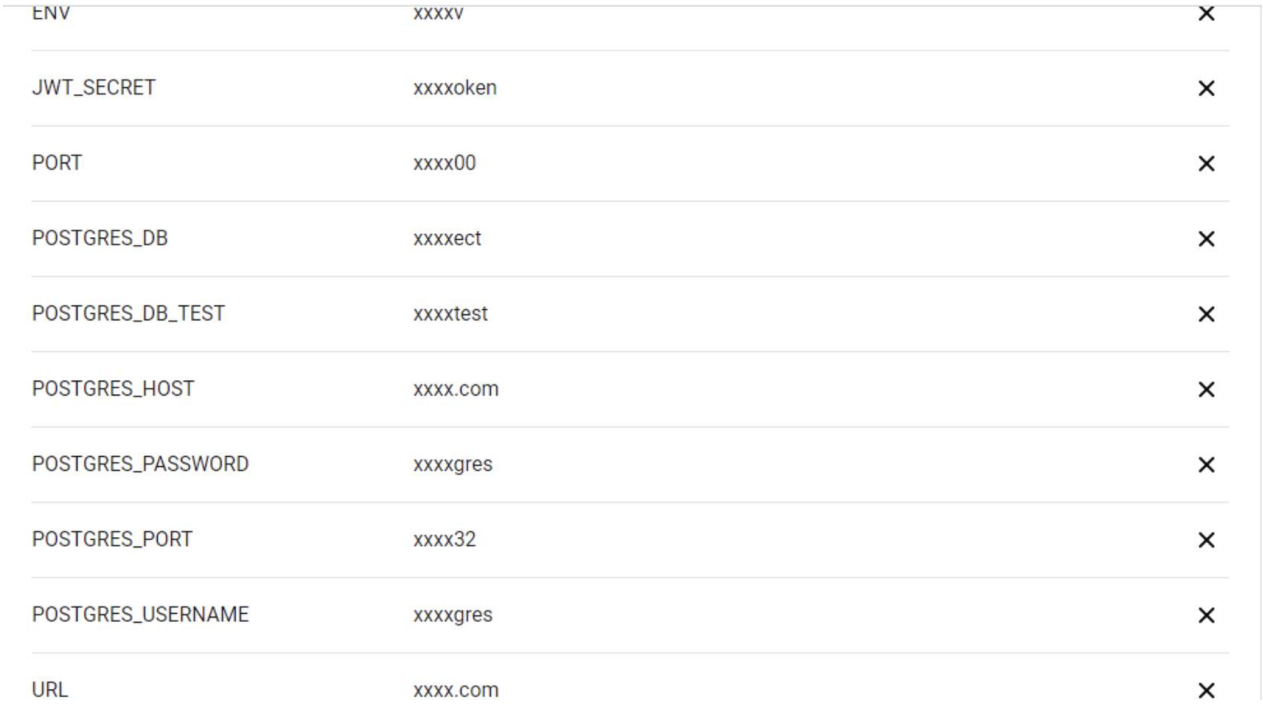
The submission includes a config.yml that ensures the build occurs in a logical sequence. Comments help .explain the flow of the pipeline and are straight to the point

.The pipeline file uses correct syntax and can be executed by CircleCi

All the secrets found in the application are configured inside CircleCi and passed to the production .application. A screenshot of the configuration screen is present to show where secrets were added

:All the points are covered : heavy_check_mark

- ✅ .Environment variables are set as secrets in the CircleCI pipeline
- ✅ .Screenshot of the secrets is provided



Documenting Deployment Process

A documentation folder should include separate pages on different topics that cannot be discovered by just :quickly glancing at code

- Infrastructure description

- App dependencies
- Pipeline process

You need to add a `Doc` folder parallel to the `Screenshots` folder and add these files into it. Below is the significance of these files:

- `Infrastructure.md` is to define all the AWS infrastructure used in this project, like the S3 bucket, RDS database, Elastic Beanstalk, etc.
- `App_dependencies.md` is to define all the dependencies and technologies (NodeJS, etc.) used in this project.
- `Pipeline.md` is to define the structure and functional flow of the pipeline configured in this project.

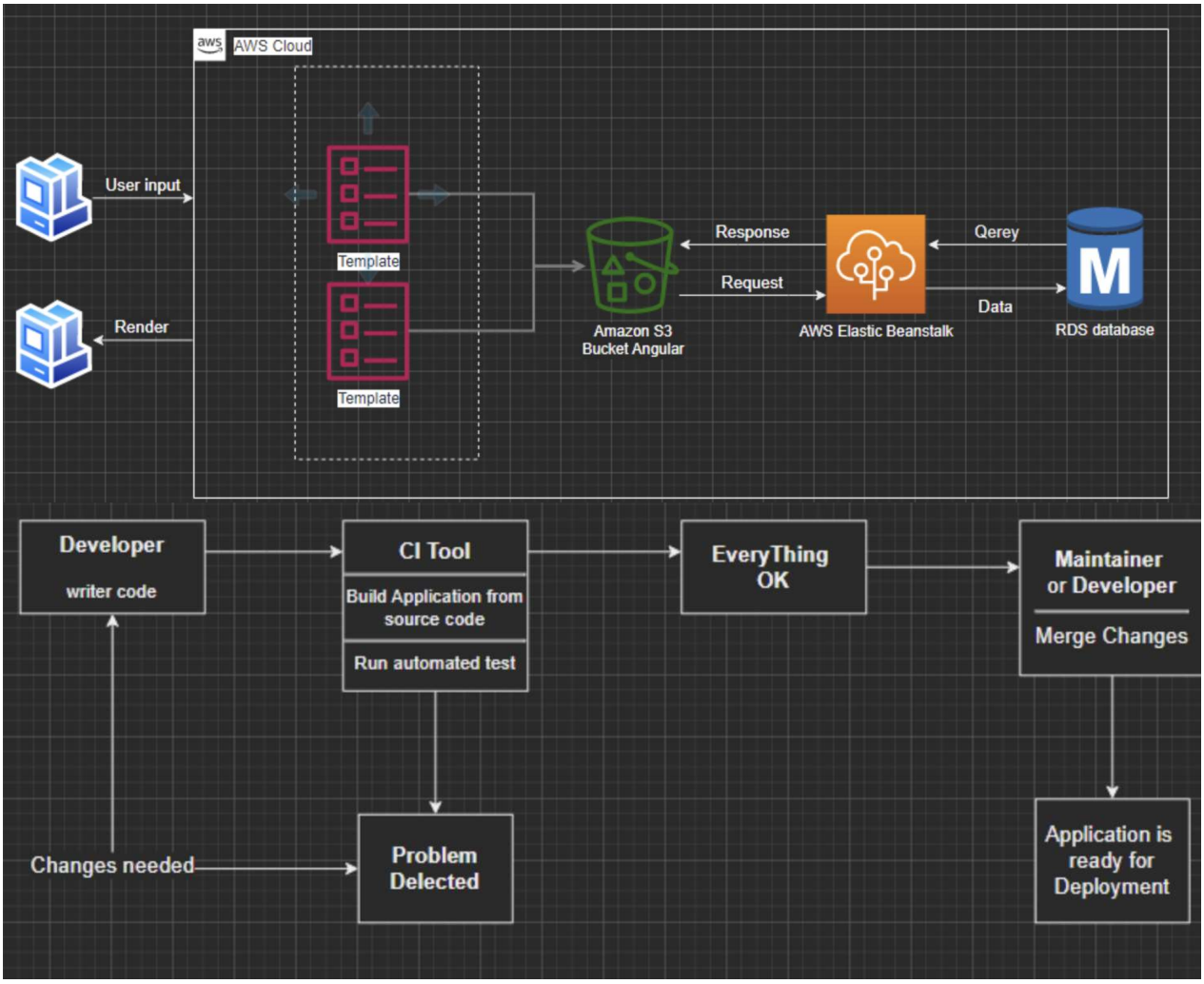
The submission contains a simple diagram giving a high-level overview of the infrastructure and another diagram showing the overview of the pipeline. The diagram Includes the different AWS services used for hosting the following:

- DB
- API
- Front-End

A representation of the communication between the services is present in the diagram (ex: arrows between services).

✓ All the diagrams are covered:

- ✅ Infrastructure diagram.
- ✅ Pipeline diagram.



إعادة التقديم

تنزيل المشروع

أفضل الممارسات لإعادة إرسال مشروعك

يشارك بن 5 نصائح مفيدة لمساعدتك على مراجعة مشروعك وإعادة تقديمه.

مشاهدة الفيديو (3:01)

الرجوع إلى المسار

تقييم هذه المراجعة

البدء