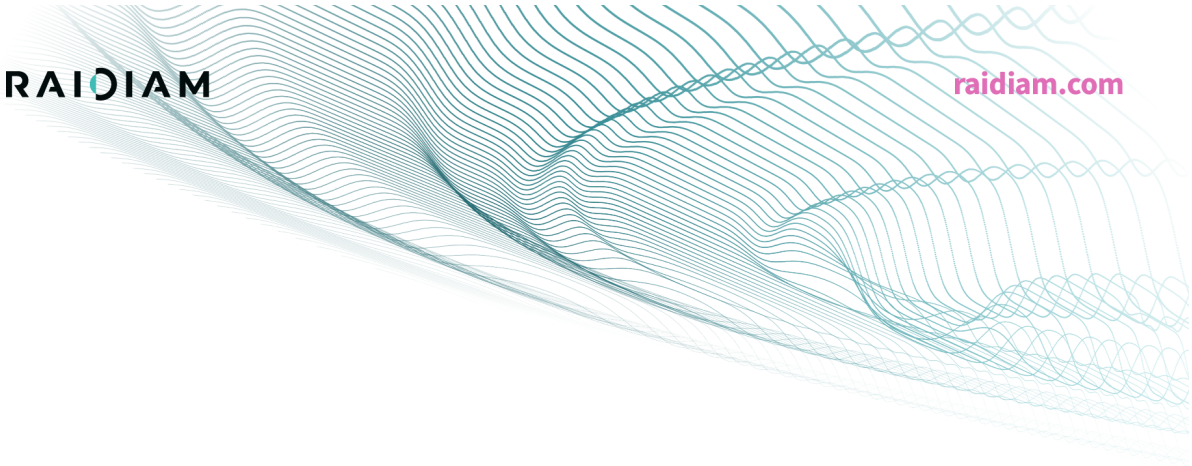

QA Engineer

Please send your solution to bernardo.campos@raidiam.com.
The deadline is 7 days after you receive this task.

Front-end test

Limiting to the scope of flights, use the application below https://phptravels.net/flights, analyze the functionalities and features, and answer the following questions:

1. What are the 3 most critical flows of this application? Explain why for each one.
2. Based on the 3 flows above, write how many test cases you consider important to ensure that these flows continue working. Feel free to write the test cases in the way that works best for you, using Gherkin, step-by-step, or any other format.
3. Optional: Automate, using the framework or language you feel most comfortable with, the test case that you consider the most important from each critical flow.
4. Optional: Report any bugs found, defining the priority of each bug and explaining your prioritization.

Back-end test

Explore the Open Weather API (https://openweathermap.org/api/one-call-3) by making requests to test the following functionalities with any tool, language, or framework you feel comfortable with like Postman or using a script with a programming language like

Python or JS. We expect you to test the following flows by also looking for edge case scenarios and doing assertions on the responses:

- **Current and forecasts weather data**
- **Weather data for timestamp**
- **Daily Aggregation**

Try to create requests to reproduce the following errors:
- 400
- 401
- 404
- 5xx
- 429: You don’t need to write a request or code to this one, just explain how you would reproduce the error 429

Create a public repository on Github with your solutions for the front and back challenges, and share the link with us. Remember to provide a well-structured Readme explaining how to run your tests locally.