

# Solution Engineer Position - Home Task

Thanks for applying to the Solution Engineer role. Please see below the required steps.

If you have any questions, please let us know.

Estimated time to complete: 1h - 1.5h

## CodiumAI - PR Agent

Link to documentation - <https://pr-agent-docs.codium.ai/>

1. Task 1 - Install pr-agent
  - a. Open a new Python “hello world” open-source project on GitHub
  - b. Install [codiumAI's PR-Agent](#) on your project.
  - c. Open a new PR and check that the auto-responses are received (describe/review/improve)

2. Task 2 - Check user issue on pr-agent

A user sent you a configuration .toml file in which he set custom labels, and he claims it's not working - his not getting the custom labels

```
[?] enable_custom_labels=true
```

```
[custom_labels."SQL query"]  
description = "Adds or modiify SQL query"
```

```
[custom_labels."Secret key"]  
description = "Adds a secret key"
```

[?]

For example, when opening a pr with this file, you should get 2 custom labels - “SQL query” and “Secret key”

```
[?] import sqlite3
```

```
#Hello world  
def get_db_connection():  
    try:  
        conn = sqlite3.connect('autoscraper.db')  
        return conn  
    except sqlite3.Error as e:  
        print(e)
```

```
        return None

def initialize_db():
    conn = get_db_connection()
    if conn is not None:
        cursor = conn.cursor()
        cursor.execute("""
            CREATE TABLE IF NOT EXISTS run_counter (
                count INTEGER
            )
        """)
        cursor.execute

AWS_SECRET_ACCESS_KEY='wJaIrXUtnFEMI/K7MDENG/bPxRfiCYEXAMPLEKEY'
```



Read this instructions, understand what went wrong, and solve the issue –

( Start from here: [https://pr-agent-docs.codium.ai/usage-guide/configuration\\_options/](https://pr-agent-docs.codium.ai/usage-guide/configuration_options/) )

## Open question -

Question 1 —Based on the pr-agent documentation you have read and your experience, how would you help an on-prem customer who runs pr-agent on his servers and facing issues?

Question 2 - from pr-agent documentation you have read, what would happen if a user sets 2 configuration files, local and Global? What do you think are the correct use cases for local and global configuration?

Question 3 - a user opens a ticket claiming our IDE extension is not working. You checked our logs, and you don't see any requests from him. When you check the local events from the IDE, you see that he did press the buttons. How would you approach this issue and what would you do?