Links:

* GitHub: <https://github.com/m-stavrakov/blog_task-manager>
* Render: <https://blog-task-manager.onrender.com>

Deployment instructions:

Create an account in render.com.

Clone the project from my GitHub link.

Link your GitHub account to your render account so you can access all your projects.

Once logged select > "New" > "Web Service"

Clone a repository from your GitHub

Create a name for the deploy, select a region, and install requirement file.

After that create the database select > "New" > "PostgreSQL"

Select a name for your database, select a region and make sure the version of your PostgreSQL is the same as the one on Render.

After that go back to your Web Service and go to "Environment". Create two keys, the 1st one is "RENDER" with value "True". What this does is saying if on Render use a specific database. This is previously set in the config.py file:

if os.environ.get('RENDER'):

connection\_string = os.environ.get('DATABASE\_URL', 'postgresql://martinstavrakov:TSf5xv9xpIBIfvc2bbGmS6hTv81RHgXu@dpg-co9hhmdjm4es73avgd8g-a/fs\_blog\_tasks:5432')

else:

connection\_string = os.environ.get('DATABASE\_URL', default\_connection\_string)

The default string is the local PostgreSQL database URL. The URL for the Render PostgreSQL can be accessed from the PostgreSQL database created on Render by copying the Internal Database URL.

The second key is "DATABASE\_URL" with value the Render PostgreSQL Internal Database URL (postgresql://martinstavrakov:TSf5xv9xpIBIfvc2bbGmS6hTv81RHgXu@dpg-co9hhmdjm4es73avgd8g-a/fs\_blog\_tasks).

Modifications that I had to do so the database was running is instead of 'postgres://' I changed it to 'postgresql://'. The default one does not work. Also, in the config file i not only changed postgresql, but also added the port number at the end.

This should be enough to deploy the application.