**Deploy Express app on Render.com**

1. **Sign up an account on Render**

You can use your email *@fpt.edu.vn* for this signing up.

1. **Login on render and create a new project**

At the right corner, click **+ New** button and select **Project**

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Click **Create a project** button and result:

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1. **Now in the new project, click** + Create a new service button then select **PostgreSQL database**

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Click on **New PostgreSQL** and fill some information, remember to select the Free at Plan Options

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After click **Create Database** remember update this information to your code

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Use your PgAdmin on your computer to create tables and insert data for this database (similar at your localhost).

But the Host name you can see in the External URL, it’s the string between the @ and the /database\_name at the end. Some how like this:

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1. **Go back to Project production environment by clicking at Production**

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1. **Click + button to create new service**

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Click **+ Create new service** then select New web service

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1. **Connect to Github and deploy your application**

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Select **Github** and add your repository to this project

After Authorize Render, you need to select the repository

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Click at **Select repositories** button and choose the repo:

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Then click install at the bottom of the page.

1. After install Render, you can select the repo and deploy it in your project on Render

(remember to update DB before this step) but need to select a free Instance type

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Then click Deploy Web Service at the bottom of the page.

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The final result: (you can see the link deployment screen above).

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