

Implantação de uma Aplicação Web Django no MS Azure

Aula 10 - Parte 2

Ambiente de Desenvolvimento e Operação

Curso de Sistemas de Informação

Turma 2A

Prof. Edson Benites Silva

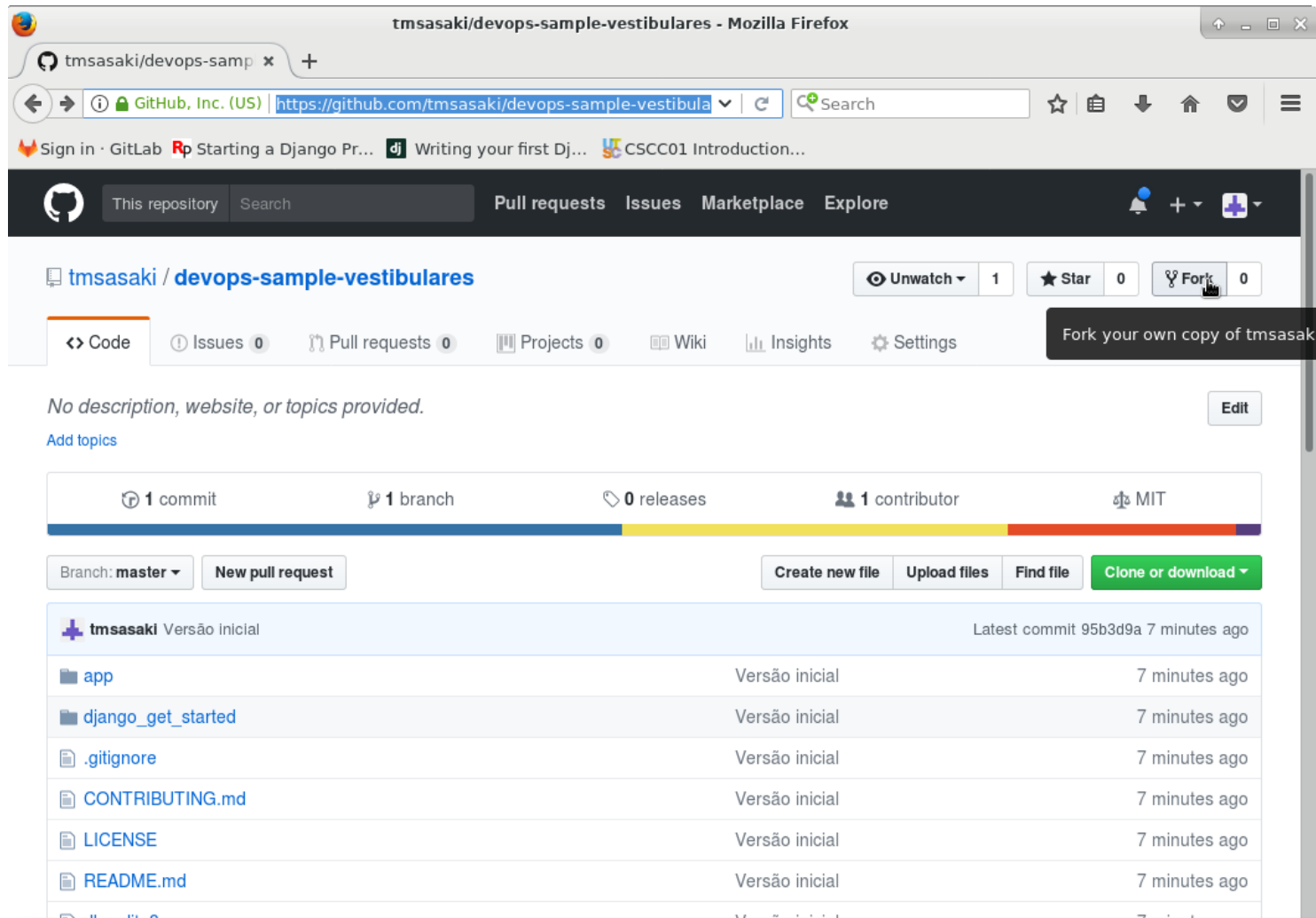
2º semestre de 2017



Referência

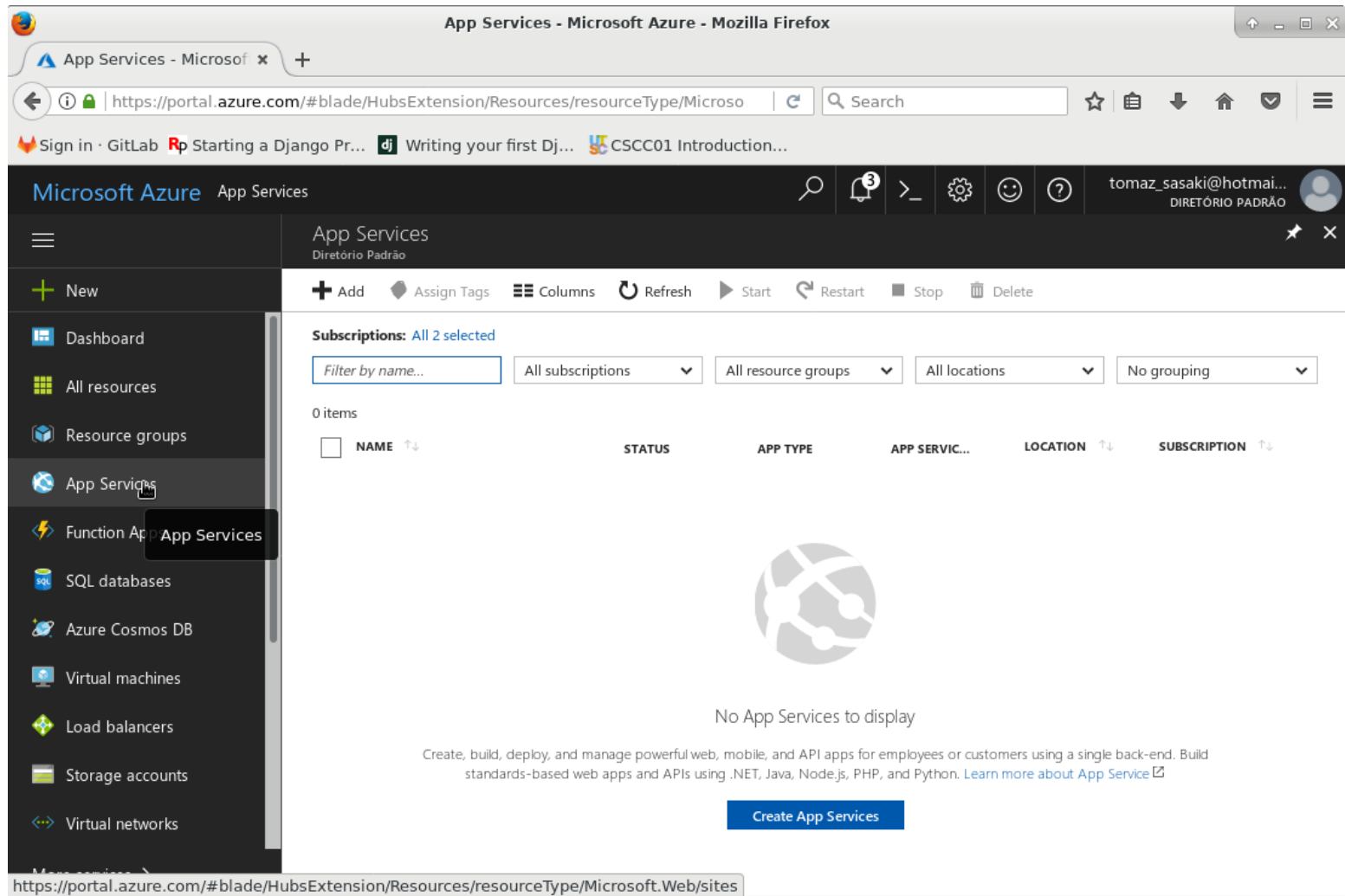
Azure-Samples. **Python sample for Azure App Service - Django.**
Disponível em <https://github.com/Azure-Samples/app-service-web-python-get-started>. Acesso realizado em outubro de 2017.

- a) Efetue o login no GitHub e acesse <https://github.com/edsonbenites/devops-sample-vestibulares>.
- b) Execute o **fork** do repositório.



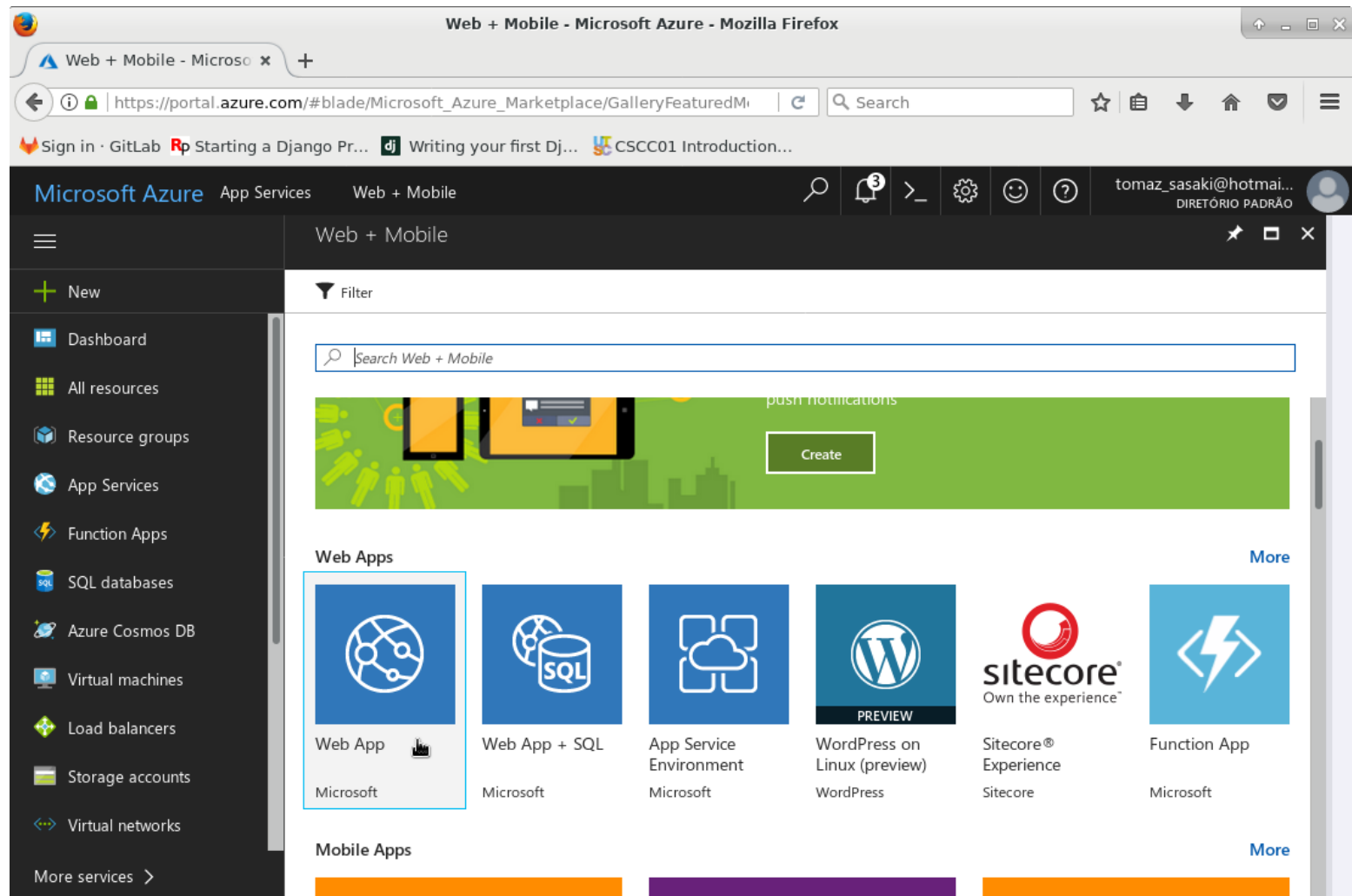
c) Acesse a sua conta no Portal do Microsoft Azure
(<https://portal.azure.com>).

d) Selecione o item *App Services*.



e) Pressione o botão *Create App Services*.

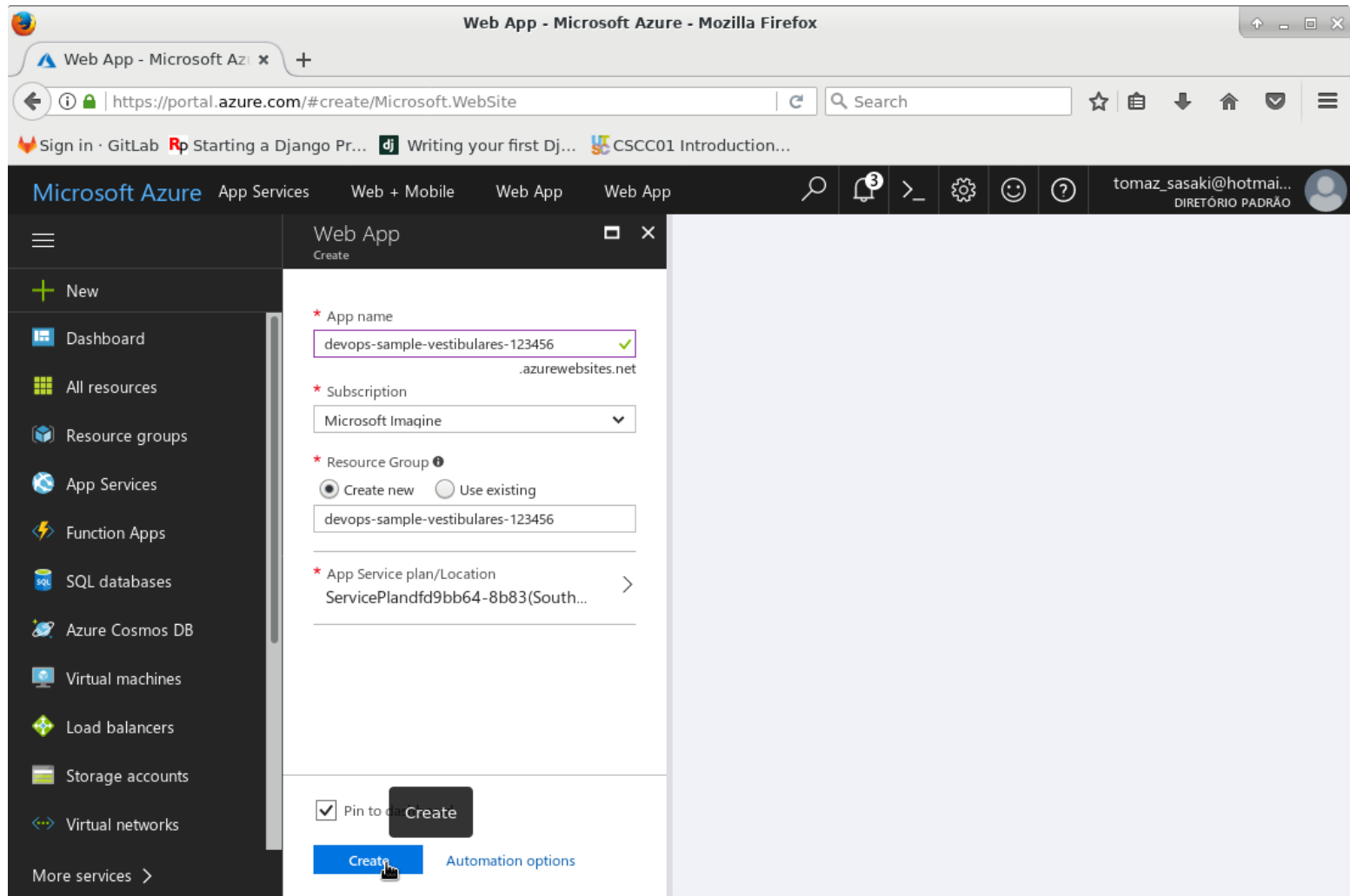
f) Selecione o item *Web App*.



g) Pressione o botão **Create**.

h) Preencha o campo **App Name** com o valor **devops-sample-vestibulares-[seuRA]** (se o seu RA for 123456, o valor deve ser **devops-sample-vestibulares-123456**).

i) Pressione o botão **Create**.



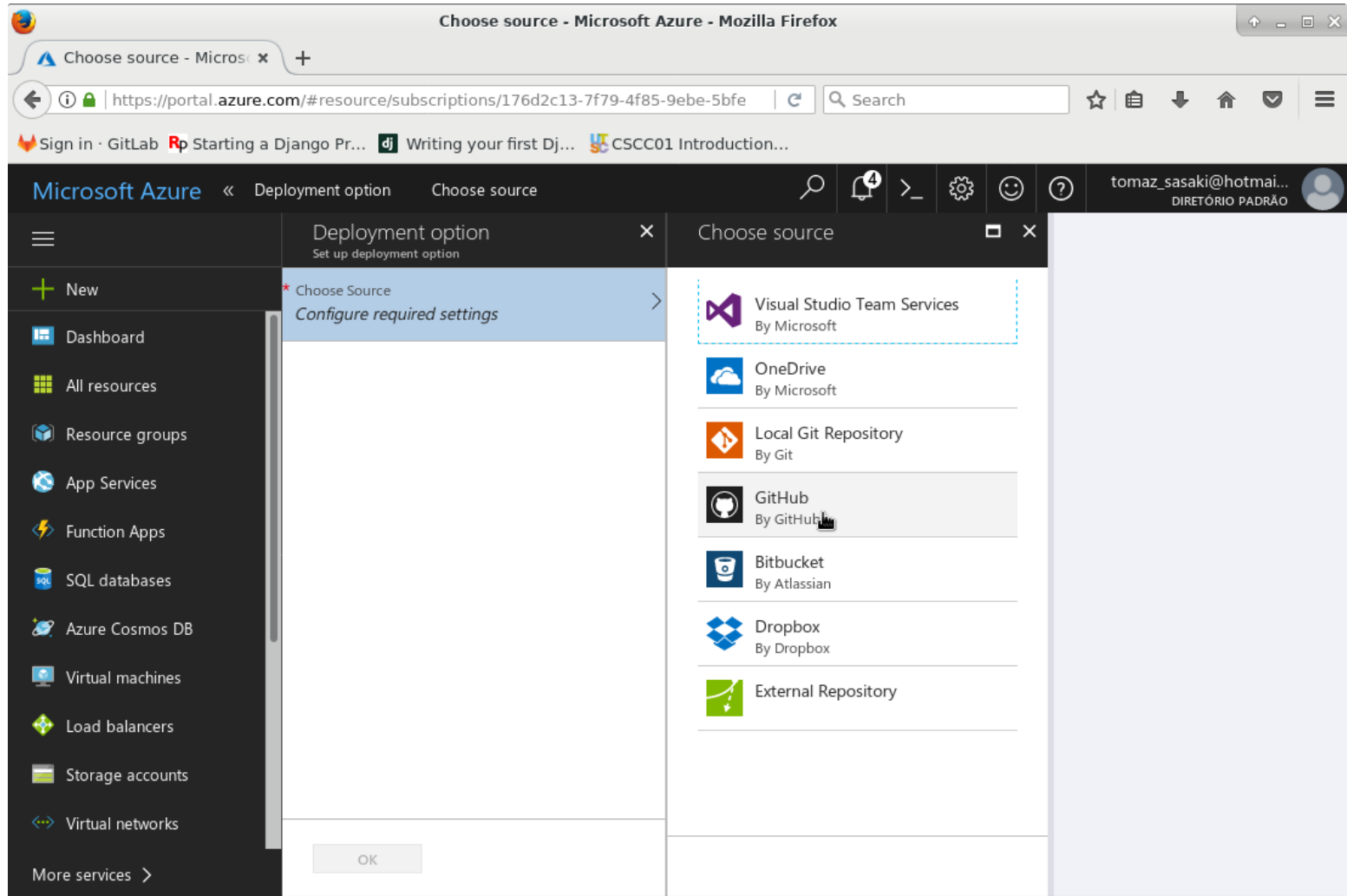
j) Após o término da criação da aplicação, selecione o item *Deployment options*.

The screenshot shows the Microsoft Azure portal interface in a Mozilla Firefox browser. The page title is "Painel - Microsoft Azure - Mozilla Firefox". The URL is "https://portal.azure.com/#resource/subscriptions/176d2c13-7f79-4f85-9ebe-5bfe". The user is logged in as "tomaz_sasaki@hotmail.com" with the role "DIRETÓRIO PADRÃO".

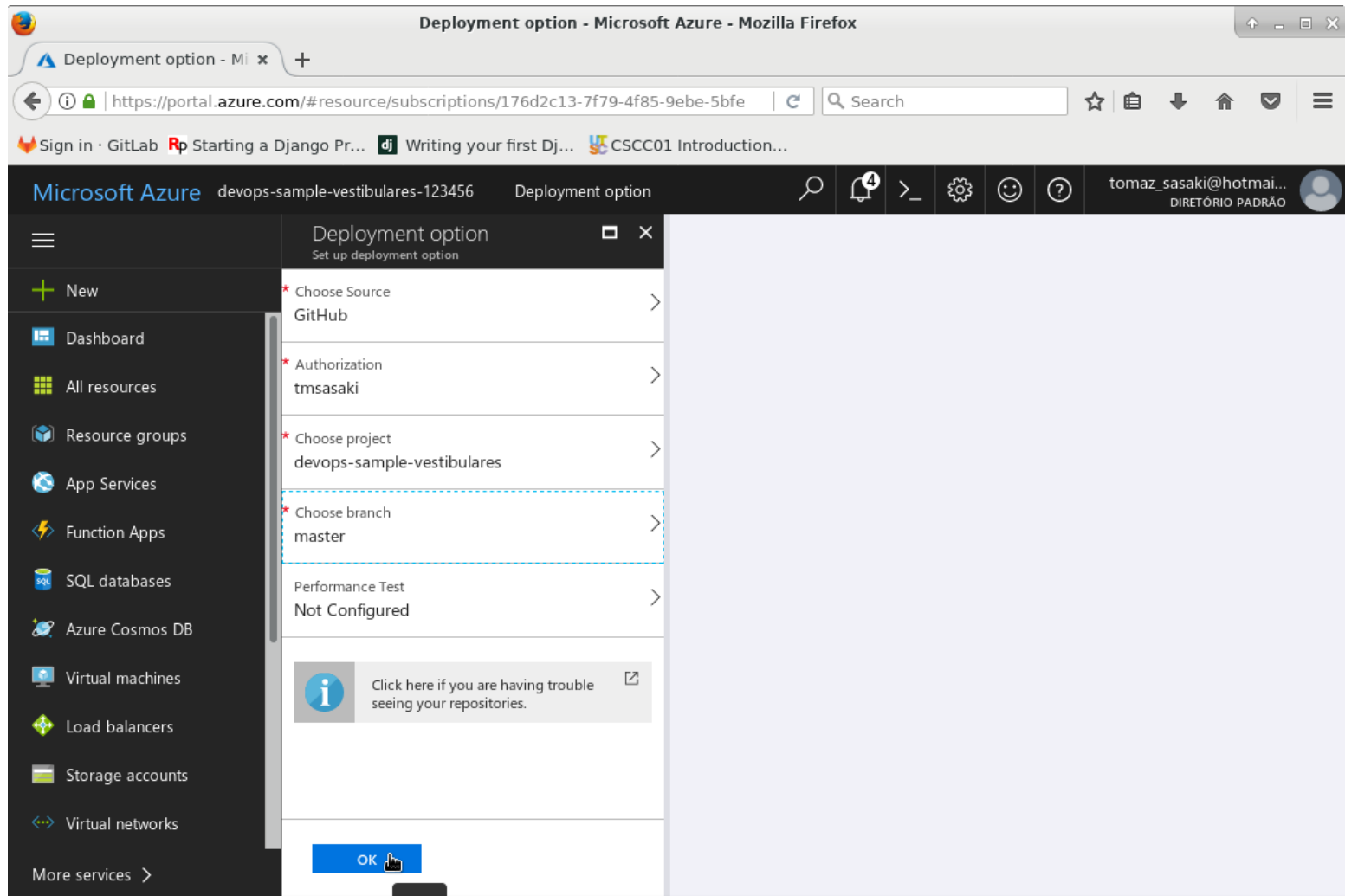
The main content area displays the "devops-sample-vestibulares-123456" App Service. The left sidebar shows the "Deployment options" tab selected under the "DEPLOYMENT" section. The right pane shows the "Deployment options" configuration, including a "Quickstart" guide link and a table of deployment options.

Http 5xx	Data In
100	2kB
80	1.5kB
60	1kB
40	0.5kB
20	0kB
0	0kB

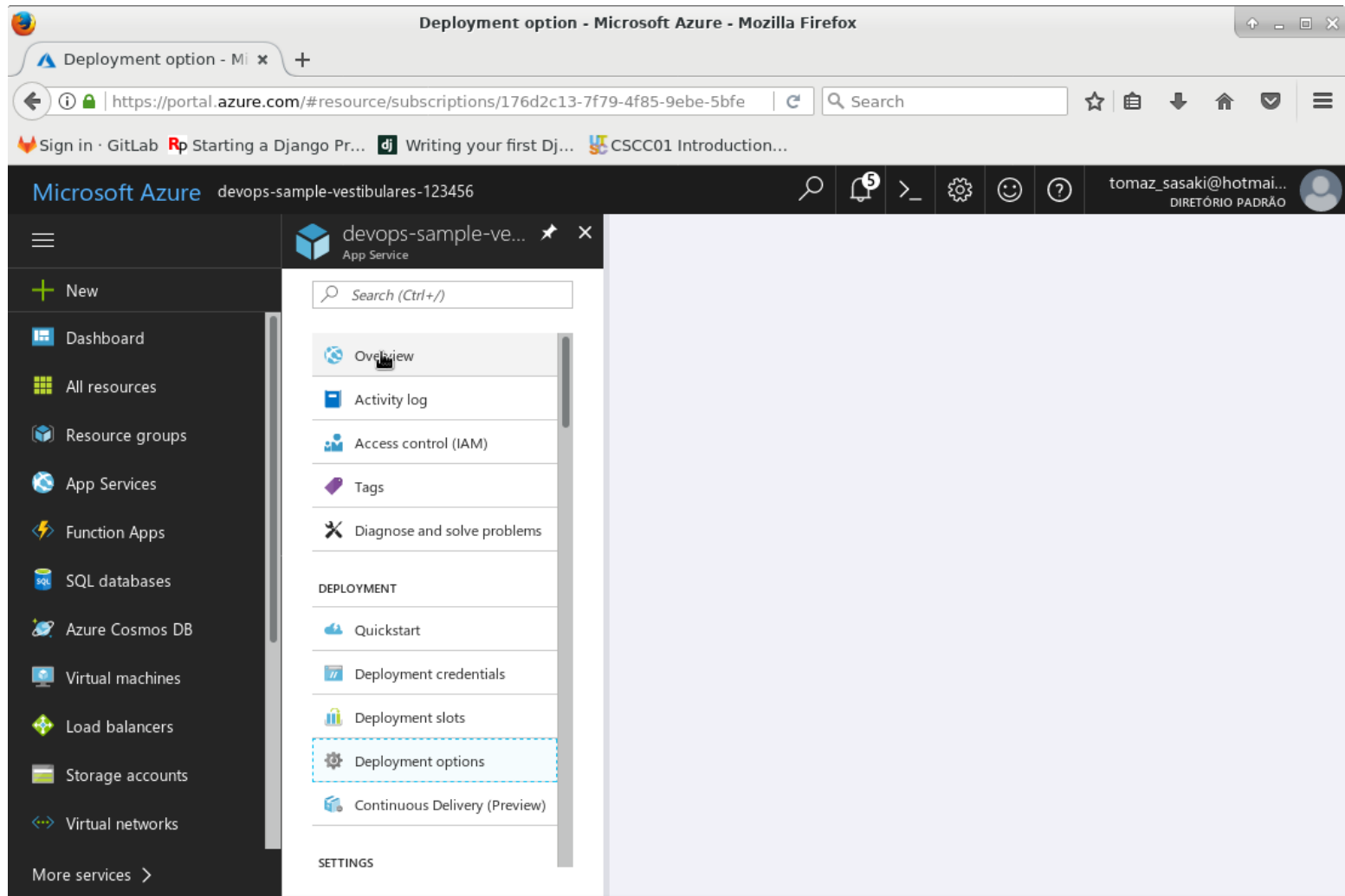
k) Selecione *Choose source* e, a seguir, **GitHub**.



l) Preencha todos os campos e pressione o botão OK.



m) Após a mensagem de sucesso, selecione o item **Overview**.



n) Clique na URL de acesso à sua aplicação web.

The screenshot displays the Microsoft Azure portal interface in a Mozilla Firefox browser. The page title is "Painel - Microsoft Azure - Mozilla Firefox". The address bar shows the URL: <https://portal.azure.com/#resource/subscriptions/176d2c13-7f79-4f85-9ebe-5bfe9817a3b1/resource>. The user is logged in as "tomaz_sasaki@hotmail.com" with the role "DIRETÓRIO PADRÃO".

The main content area shows the configuration for the App Service "devops-sample-vestibulares-123456". The left sidebar contains a navigation menu with options like "New", "Dashboard", "All resources", "Resource groups", "App Services", "Function Apps", "SQL databases", "Azure Cosmos DB", "Virtual machines", "Load balancers", "Storage accounts", and "Virtual networks".

The central pane displays the "Overview" tab for the App Service. It includes a search bar and a list of actions: "Browse", "Stop", "Swap", "Restart", "Delete", and "Get publish profile". The configuration details are as follows:

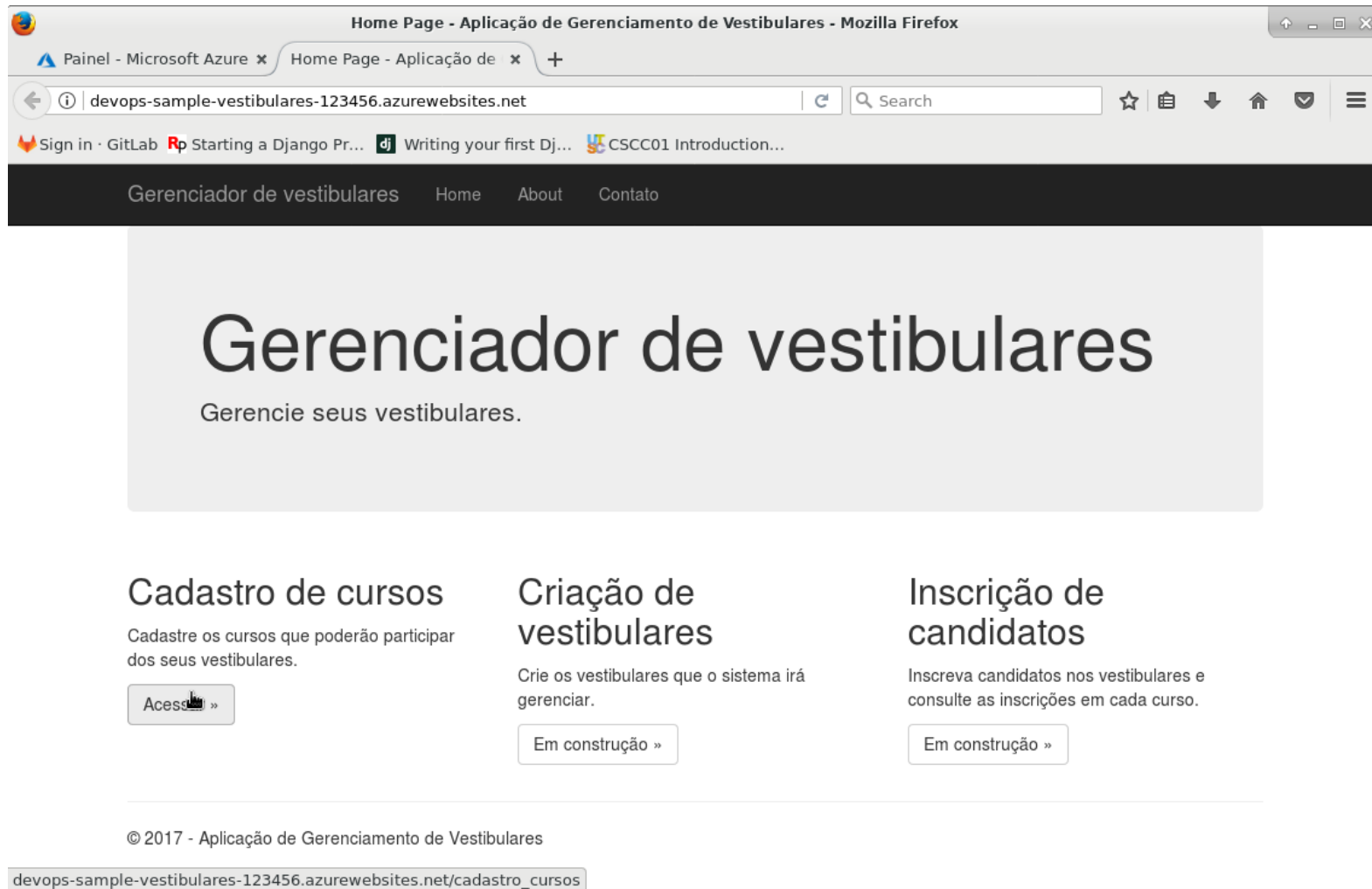
- Resource group: [devops-sample-vestibulares-123456](#)
- Status: Running
- Location: South Central US
- Subscription: [Microsoft Imagine](#)
- Subscription ID: 176d2c13-7f79-4f85-9ebe-5bfe9817a3b1
- URL: <http://devops-sample-vestibulares-123456.azurewebsites.net>
- App Service plan/pricing tier: ServicePlanfd9bb64-8b83 (Free: 0 Small)
- GitHub Project: <https://github.com/tmsasaki/devops-sample-vestibulares>

Below the configuration details, there are two monitoring charts:

- Http 5xx**: A line chart showing the number of HTTP 5xx errors over time. The y-axis ranges from 0 to 100. The x-axis shows time from 2:15 PM to 3 PM. The chart shows a sharp spike in errors at approximately 2:55 PM, reaching a value of 100.
- Data In**: A line chart showing the amount of data received over time. The y-axis ranges from 0kB to 500kB. The x-axis shows time from 2:15 PM to 3 PM. The chart shows a sharp spike in data received at approximately 2:55 PM, reaching a value of 500kB.

At the bottom of the page, the URL devops-sample-vestibulares-123456.azurewebsites.net is displayed.

o) Acesse o cadastro de cursos.



Exercícios

1. Altere os conteúdos das páginas **About** e **Contato** da aplicação, colocando nelas os dados da sua equipe/empresa fictícia.
2. Acesse novamente o portal do Azure e, no painel da sua aplicação, acesse o item ***Deployment Options*** e pressione o botão ***Sync***.
3. Acesse novamente a URL da aplicação e navegue pelas páginas para verificar se o resultado corresponde ao esperado.



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