



# Desenvolvimento de Software para WEB

Aula 22 - Hospedagem - Heroku e 000webhost

Professor: Anderson Almada

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# Deploy do Servidor

- <https://www.heroku.com/>



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## ELEMENTS

Powerful platform,  
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Don't reinvent the wheel. Heroku's 150+ third-party add-ons, 1000+ open source buildpacks, and 3000+ ready-to-deploy Heroku Buttons provides a rich ecosystem of pre-integrated extensions and services.

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Create new app

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## Create New App

App name

Choose a region

 United States



 Add to pipeline...

Create app



HEROKU

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Personal

>

almada-app-client

★

Open app

More

Overview

Resources

Deploy

Metrics

Activity

Access

Settings

Add this app to a pipeline

Create a new pipeline or choose an existing one and add this app to a stage in it.

Add this app to a stage in a pipeline to enable additional features

Pipelines let you connect multiple apps together and **promote code** between them. [Learn more.](#)

Pipelines connected to GitHub can enable **review apps**, and create apps for new pull requests. [Learn more.](#)

Choose a pipeline

Deployment method

Heroku Git

Use Heroku CLI

GitHub

Connect to GitHub

Container Registry

Use Heroku CLI

Deploy using Heroku Git

Use git in the command line or a GUI tool to deploy this app.

Install the Heroku CLI

Download and install the [Heroku CLI](#).

If you haven't already, log in to your Heroku account and follow the prompts to create a new SSH public key.

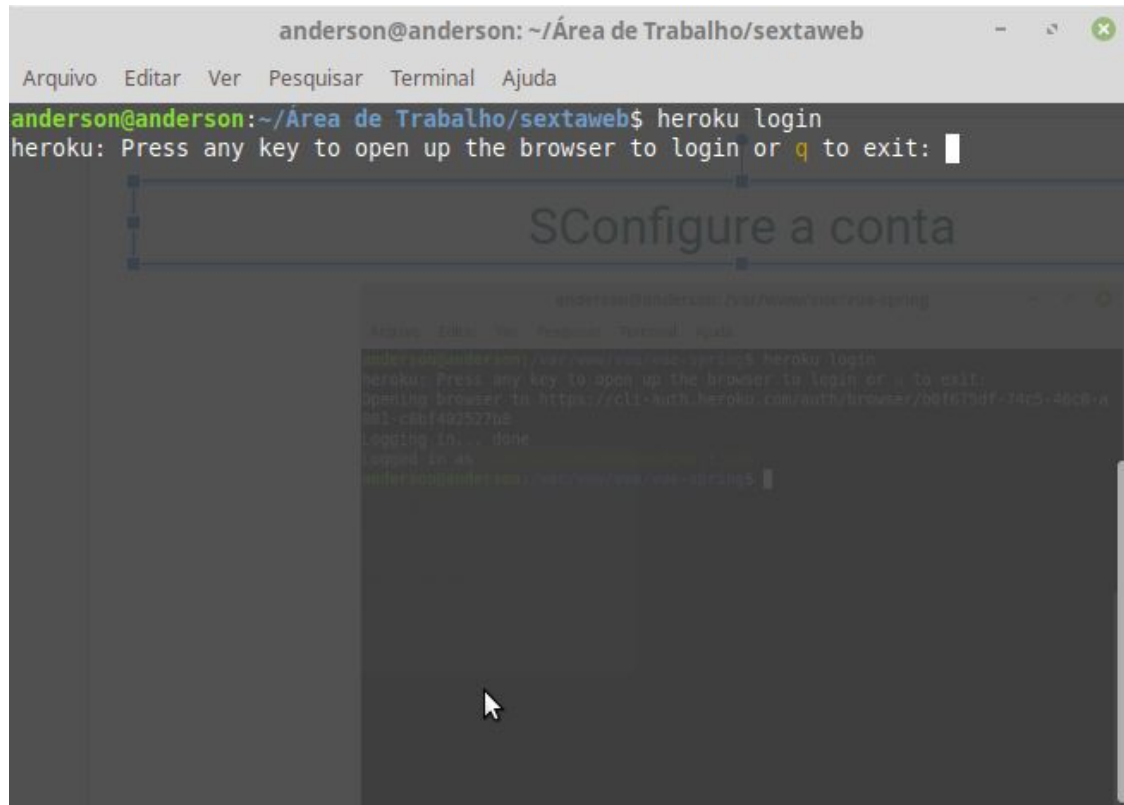
https://dashboard.heroku.com/apps/almada-app-client/deploy/heroku-git

# Instalação

---

- Ubuntu
  - `curl https://cli-assets.heroku.com/install-ubuntu.sh | sh`
- Windows
  - <https://cli-assets.heroku.com/heroku-x64.exe>

# Configure a conta



```
anderson@anderson: ~/Área de Trabalho/sextaweb
Arquivo Editar Ver Pesquisar Terminal Ajuda
anderson@anderson:~/Área de Trabalho/sextaweb$ heroku login
heroku: Press any key to open up the browser to login or q to exit:
SConfigure a conta
anderson@anderson: ~/Área de Trabalho/sextaweb$ heroku login
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/browser/0d9f619df-74c5-46c8-a
m1-c8bf492527b5
Logging in... done
Logged in as anderson@anderson
anderson@anderson: ~/Área de Trabalho/sextaweb$
```



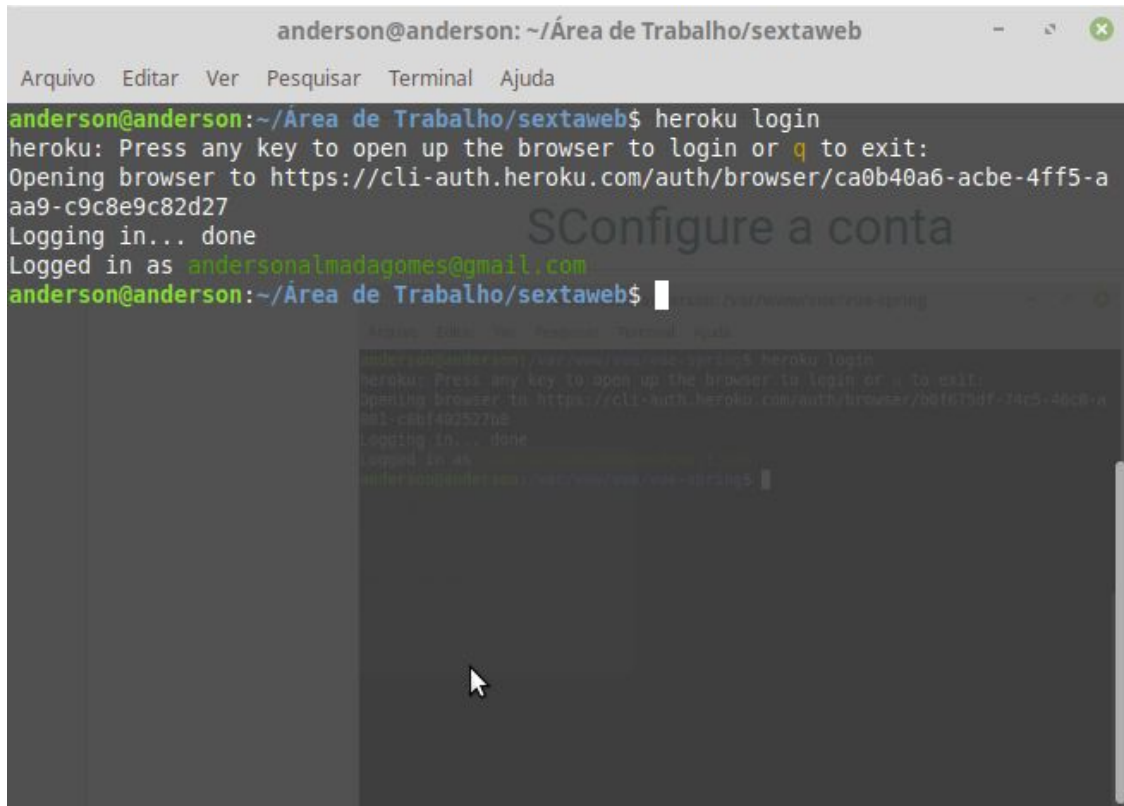


Log in to the Heroku CLI

Log in

HEROKU IS A  COMPANY

# Configure a conta



The image shows a terminal window titled "anderson@anderson: ~/Área de Trabalho/sextaweb". The window has a menu bar with "Arquivo", "Editar", "Ver", "Pesquisar", "Terminal", and "Ajuda". The terminal content shows the user running "heroku login", followed by a prompt to press a key to open a browser. The browser opens to a Heroku authentication page. The user logs in, and the terminal shows "Logged in as andersonalmadagomes@gmail.com". The prompt then changes to "anderson@anderson: ~/Área de Trabalho/sextaweb\$".

```
anderson@anderson: ~/Área de Trabalho/sextaweb
Arquivo  Editar  Ver  Pesquisar  Terminal  Ajuda
anderson@anderson:~/Área de Trabalho/sextaweb$ heroku login
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/browser/ca0b40a6-acbe-4ff5-a
aa9-c9c8e9c82d27
Logging in... done
Logged in as andersonalmadagomes@gmail.com
anderson@anderson:~/Área de Trabalho/sextaweb$
```

# Configure o repositório do servidor

---

- Entre na pasta do projeto
  - `cd /path/`
- Inicialize as configurações git ou apenas adicione o repositório
  - `git init` (opcional)
  - `heroku git:remote -a almada-sexta`

# Configure o repositório do servidor

```
anderson@anderson: ~/Área de Trabalho/sextaweb
Arquivo  Editar  Ver  Pesquisar  Terminal  Ajuda
anderson@anderson:~/Área de Trabalho/sextaweb$ heroku login
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/browser/ca0b40a6-acbe-4ff5-aa9-c9c8e9c82d27
Logging in...done directory
Logged in as andersonalmadagomes@gmail.com
anderson@anderson:~/Área de Trabalho/sextaweb$ git init
Initialized empty Git repository in /home/anderson/Área de Trabalho/sextaweb/.git/
anderson@anderson:~/Área de Trabalho/sextaweb$ heroku git:remote -a almada-sexta
set git remote heroku to https://git.heroku.com/almada-sexta.git
anderson@anderson:~/Área de Trabalho/sextaweb$
```

the repository and deploy it to Heroku using Git.

a "make it better"

to master

## Configure o banco de dados do servidor

---

- Para configurar o banco de dados é necessário a instalação de um plugin:
  - `heroku addons:create heroku-postgresql`

# pom.xml

---

- Troque o packaging no pom.xml
  - war para jar

# application.properties

---

- ## PostgreSQL
- spring.datasource.url=\${JDBC\_DATASOURCE\_URL}
- spring.datasource.username=\${JDBC\_DATASOURCE\_USERNAME}
- spring.datasource.password=\${JDBC\_DATASOURCE\_PASSWORD}
- spring.jpa.hibernate.ddl-auto=update
- spring.jpa.properties.hibernate.temp.use\_jdbc\_metadata\_defaults=false

# Deploy

---

- `git add --all`
- `git commit -m "mensagem"`
- `git push heroku master`



---

# Upload de arquivos (Opcional)

## (opcional) pom.xml

---

- `<dependency>`
  - `<groupId>commons-net</groupId>`
  - `<artifactId>commons-net</artifactId>`
  - `<version>3.3</version>`
- `</dependency>`

## (opcional) uploads.properties

---

- folder=/var/www/vue/vue-spring/uploads/
- url=files.000webhost.com
- username=user
- password=password

## (opcional) Upload

---

- <https://pastebin.com/8DKPwXb0>

## (opcional) CursoService

---

- <https://pastebin.com/J7sMSZC3>

---

# Configurando o Cliente

---

# Configurando no Heroku

# Configurando o cliente

---

- Repete a mesma configuração do servidor
  - Cria um projeto
  - Configura o repositório git localmente
    - `git init` (opcional)
    - `heroku git:remote -a almada-cliente`



## Crie o arquivo index.php

---

- Crie o arquivo index.php dentro da pasta do projeto cliente
- Conteúdo do arquivo (é apenas um redirecionamento)
  - `<?php header( 'Location: /index.html' ); ?>`

# Deploy

---

- `git add --all`
- `git commit -m "mensagem"`
- `git push heroku master`

---

# Configurando no 000webhost (Opcional)

# Introdução

- <https://www.000webhost.com/>

The screenshot shows the homepage of 000webhost, a web hosting service. The browser's address bar displays the URL <https://www.000webhost.com/>. The page features a red navigation bar with a "Login" button. The main content area has a white background with a large "\$000" graphic. The text "Free Web Hosting" is prominently displayed, followed by "Zero cost website hosting with PHP, MySQL, cPanel & no ads!". The 000webhost logo, which includes a red stylized flower icon and the text "000webhost POWERED BY HOSTINGER", is in the top left. Navigation links for "Cheap Web Hosting", "Forum", and "Website Builder" are in the top right, along with a "Free Sign Up" button.

United States (English ) Login

000webhost  
POWERED BY HOSTINGER

SALE  
Cheap Web Hosting Forum Website Builder Free Sign Up

**Free Web Hosting**

**Zero** cost website hosting with  
PHP, MySQL, cPanel & no ads!

\$000

## New Website



Website Name (optional)

almada-sexta

Password

sexta123



Show password

GENERATE ANOTHER PASSWORD

Create

Nice, here is

Go into your Website by clicking

+ Create New Site





andersonalmada

● Status: **running**<https://andersonalmada.000webhosta...>



- ✓ Powerful Control Panel.
- ✓ 24/7 Live Support.
- ✓ Free Domain, Email and SSL.

GO PREMIUM

almada-sexta &lt;

 Build Website Power Store Tools Settings

&lt;/&gt; Learn to Code

 Discord Blog Community Forum

## Create New Website



## Upgrade to Premium

Reaching limits & need extra domains for your projects? Not a big deal! Grab Premium features & think about your projects, not about limits!

[Upgrade](#)

# Configurações

---

- Settings
  - General
    - Password
      - Change password

# FTP - Dados

---

FTP transfer

OFF  ON

Host Name:

`files.000webhost.com`

Port:

`21`

Username:




`almada-sexta`

Password:


*same as your website password*



almada-sexta &lt;

 Build Website Power Store Tools Settings

&lt;/&gt; Learn to Code

 Discord Blog Community Forum

## Create New Website



## Upgrade to Premium

Reaching limits & need extra domains for your projects? Not a big deal! Grab Premium features & think about your projects, not about limits!

[Upgrade](#)**00**

DAYS

**09**

HOURS

**46**

MINUTES

**21**

SECONDS



▼  /▼  public\_html>  tmp

<input type="checkbox"/>	Name ▼	Size	Date	Permissions
<input type="checkbox"/>	 .htaccess	0.2 kB	2019-06-11 14:12:00	-rw-r--r--

## Upload dos arquivos

---

- Realize o upload de cada um dos arquivos necessários ao cliente
- Cada diretório deve ser criado (coloque as devidas permissões em cada uma)
- Lembre de atualizar as URLs para apontar para o servidor no Heroku

▼ /

▼ public\_html

▶ css

▶ js

▶ uploads

▶ tmp

<input type="checkbox"/>	Name ▼	Size	Date	Permissions
<input type="checkbox"/>	css		2019-06-05 00:45:00	drwxr-xr-x
<input type="checkbox"/>	js		2019-06-05 00:44:00	drwxr-xr-x
<input type="checkbox"/>	uploads		2019-06-11 13:45:00	drwxrwxrwx
<input type="checkbox"/>	.htaccess	0.2 kB	2017-11-01 00:00:00	-rw-r--r--
<input type="checkbox"/>	curso-edit.html	3.8 kB	2019-06-05 00:47:00	-rw-r--r--
<input type="checkbox"/>	curso-insert.html	2.8 kB	2019-06-05 00:47:00	-rw-r--r--
<input type="checkbox"/>	curso-view.html	2.6 kB	2019-06-05 00:47:00	-rw-r--r--
<input type="checkbox"/>	index.html	1.7 kB	2019-06-05 00:46:00	-rw-r--r--





# Dúvidas??

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