**Linode Deployment Instructions**

**Prerequisite Steps:**

1. Create a Gitlab Account
2. Use our link for $100 in Linode Credit: <https://www.linode.com/lp/try/?ifso=pierian>

**Django Deployment on Linode Steps:**

1. Using Linode Marketplace, Create a New Django Application
2. SSH and Connect to the Linode Server
   1. <https://www.linode.com/docs/guides/connect-to-server-over-ssh-on-windows/>
   2. <https://www.linode.com/docs/guides/connect-to-server-over-ssh-on-mac/>
3. After connecting through SSH, navigate to the DjangoApp folder:
   1. Run: **cd /var/www**
4. Confirm that linode is running your Django Web App:
   1. Run: **ps aux**
   2. Check for “python3 manage.py runserver 0.0.0.0:8000
   3. Open a new tab in your browser and visit your Linode IP Address at Port 8000
      1. Something like: ##.##.##.###:8000
      2. You should see the basic Django App running

**Setting up Version Control Steps:**

1. Go back to your SSH connection at the command line and install git with:
   1. Run: **apt-get install git**
2. Install the Github Command Line Interface (Github CLI):
   1. Follow instructions for Debian here:
      1. <https://github.com/cli/cli/blob/trunk/docs/install_linux.md>
3. Specify gitignore files (for example, probably don’t want git versioning of the database). More info here: <https://docs.github.com/en/get-started/getting-started-with-git/ignoring-files>
   1. Run: **touch .gitignore**