DevOps technical test

Task: to deploy a secure boilerplate Flask application (use template) using Ansible and Jenkins to AWS following best practices.

Guide:
1. Use Terraform to provision the infrastructure in AWS. Choose the relevant AWS services you think are required. As this is just a demo please utilise the free tier.
2. As well as the application we require the setup of a Jenkins server. Use a CICD pipeline to build the application, configure the server using Ansible and deploy it.
3. Please store all your Terraform and Ansible scripts in a GitHub repo.
4. Please automate as much of the above process as possible. It will be nice to automate the deployment of Jenkins server, but it is not compulsory.
5. The use of SSL encryption using https://letsencrypt.org/ will be a nice to have.
6. Please follow all the best practices required for a production grade deployment.

Kindly share the GitHub repo, URL to the deployed app and Jenkins server along with login credentials.