AWS Infrastructure

Write the following AWS infrastructure as code in terraform,

1. **VPC**

   - Name: "ionginx-vpc"
   - Public Subnet – 3
   - Private Subnet – 3
   - Internet Gateway – 1
   - NAT Gateway – 1

2. **EC2 Auto Scaling Group**

   - Minimum – 2
   - Maximum – 4
   - Subnets – Only Private Subnets
   - NGINX on Ubuntu
   - Don't assign Public IPv4 to EC2 Instances
   - Don't allow SSH Access to EC2 Instance

3. **Route 53 A Record**

   - Pointing to the NAT Gateway and allow nginx to serve the default webpage.

Share the code and snippets in a Git repository.