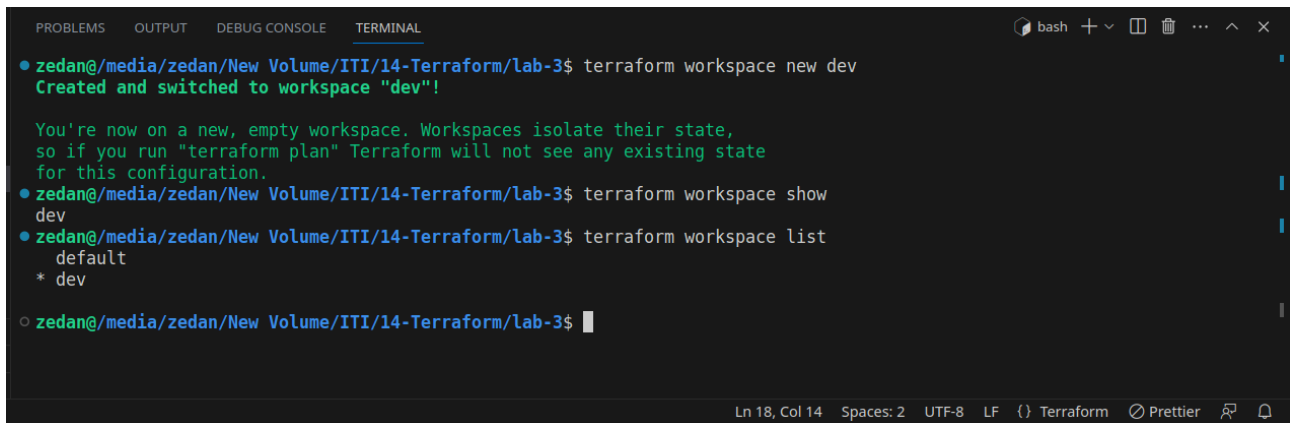


b. Screenshot from creating and working on workspace dev



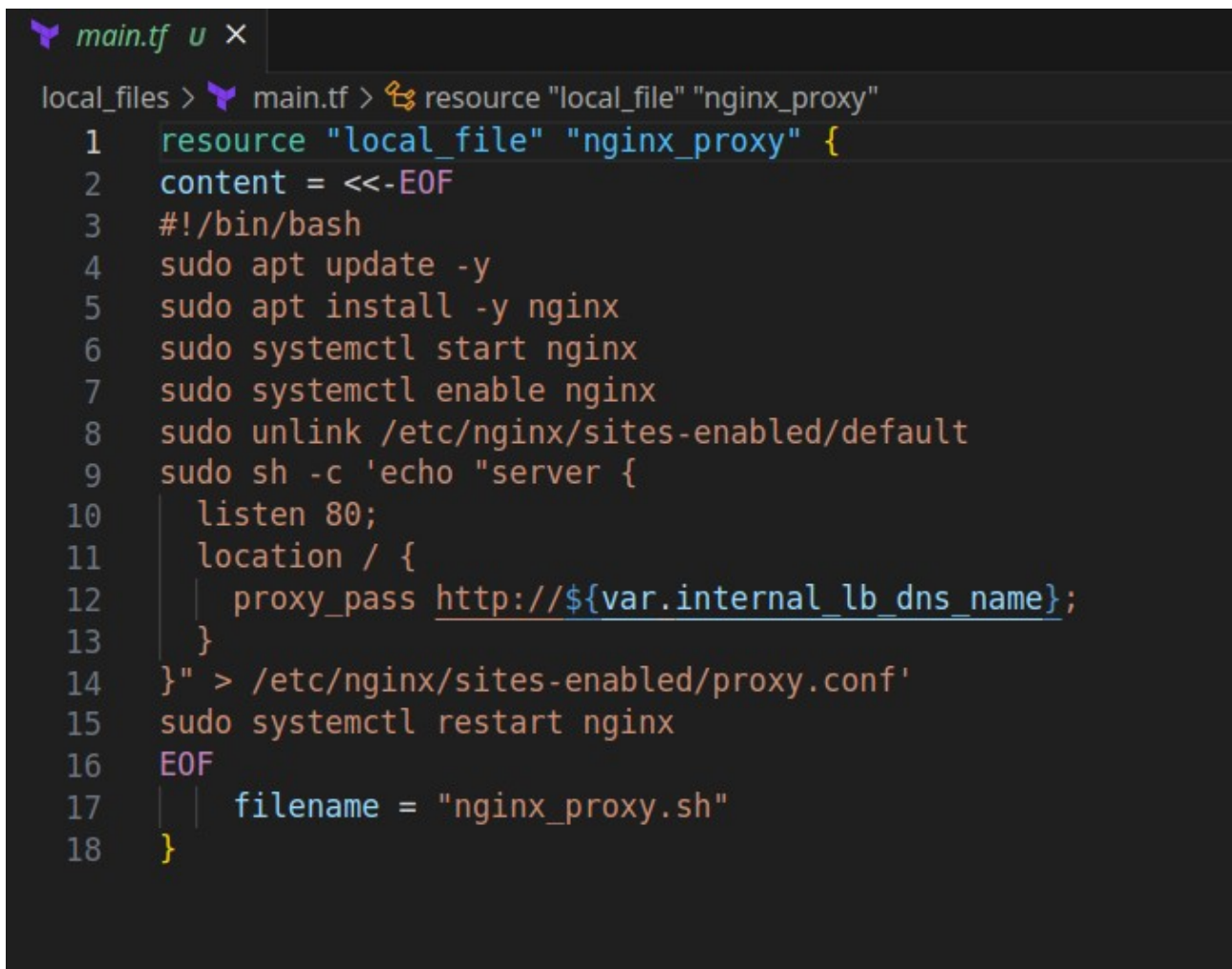
A terminal window with a dark background and light-colored text. The window title is 'bash'. The terminal shows the following commands and output:

```
zedan@/media/zedan/New Volume/ITI/14-Terraform/lab-3$ terraform workspace new dev
Created and switched to workspace "dev"!

You're now on a new, empty workspace. Workspaces isolate their state,
so if you run "terraform plan" Terraform will not see any existing state
for this configuration.
zedan@/media/zedan/New Volume/ITI/14-Terraform/lab-3$ terraform workspace show
dev
zedan@/media/zedan/New Volume/ITI/14-Terraform/lab-3$ terraform workspace list
default
* dev
zedan@/media/zedan/New Volume/ITI/14-Terraform/lab-3$
```

The status bar at the bottom indicates 'Ln 18, Col 14', 'Spaces: 2', 'UTF-8', 'LF', and shows icons for Terraform and Prettier.

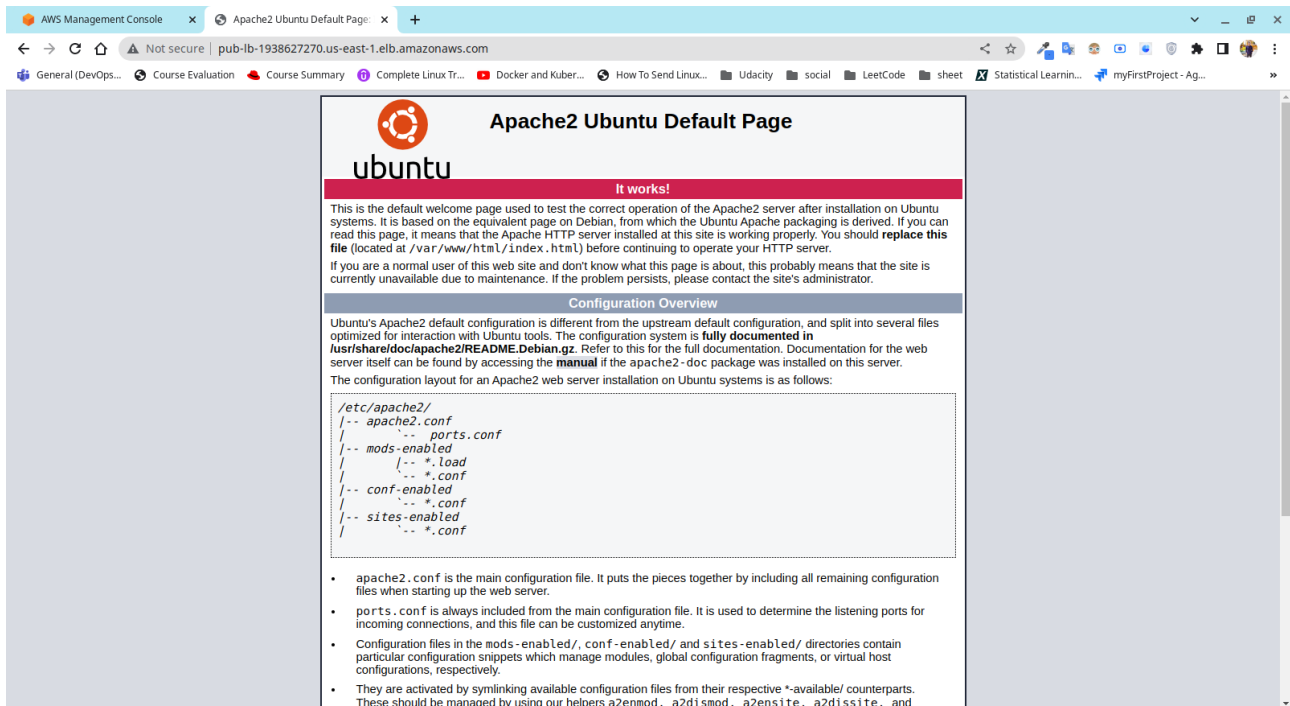
c. Screenshot from the configuration of the proxy



A screenshot of a code editor showing a Terraform configuration file named 'main.tf'. The file is being edited in a 'local\_files' block. The configuration defines a 'local\_file' resource named 'nginx\_proxy' with a shell script content that sets up nginx as a proxy.

```
main.tf u x
local_files > main.tf > resource "local_file" "nginx_proxy"
1 resource "local_file" "nginx_proxy" {
2   content = <<-EOF
3   #!/bin/bash
4   sudo apt update -y
5   sudo apt install -y nginx
6   sudo systemctl start nginx
7   sudo systemctl enable nginx
8   sudo unlink /etc/nginx/sites-enabled/default
9   sudo sh -c 'echo "server {
10     listen 80;
11     location / {
12       proxy_pass http://${var.internal_lb_dns_name};
13     }
14   }" > /etc/nginx/sites-enabled/proxy.conf'
15   sudo systemctl restart nginx
16   EOF
17   filename = "nginx_proxy.sh"
18 }
```

d. Screenshot from the public dns of the load balancer when you send a traffic to it from a browser and it returns the content of the private ec2s



e. Screenshot from the s3 that contain the state file

