**TERRAFORM EC2 AND WEB SERVER INSTALLATION**

terraform {

  required\_providers {

    aws = {

      source  = "hashicorp/aws"

      version = "~> 3.27"

    }

  }

}

provider "aws" {

  profile = "default"

  region  = "us-east-1"

}

data "template\_file" "loaded\_bootstrap\_file" {

  template ="${file("${path.module}/bootstrap.txt")}"

}

resource "aws\_instance" "Devops\_Project" {

  ami           = "ami-0aeeebd8d2ab47354"

  instance\_type = "t2.micro"

  key\_name      = "Devops\_kp"

  user\_data     = "${data.template\_file.loaded\_bootstrap\_file.template}"

  tags = {

    Name = "Devops\_Project\_1"

  }

}

**BOOTSTRAP**

#!/bin/bash

sudo amazon-linux-extras install nginx1 -y