

```
provider "aws" {  
  
  region = "us-west-2"  
  
}
```

```
resource "aws_instance" "docker_vm" {  
  
  ami          = "ami-0c55b159cbfafa1f0"  
  
  instance_type = "t2.micro"  
  
  key_name     = "your-ssh-key-name"
```

```
  connection {  
  
    type      = "ssh"  
  
    user      = "ec2-user"  
  
    private_key = file("${path.module}/your-ssh-key.pem")  
  
    host      = self.public_ip  
  
  }
```

```
  provisioner "remote-exec" {  
  
    inline = [  
  
      "sudo yum update -y",  
  
      "sudo amazon-linux-extras install docker -y",  
  
      "sudo service docker start",  
  
      "sudo usermod -a -G docker ec2-user"  
  
    ]  
  
  }
```

```
  provisioner "remote-exec" {
```

```
inline = [  
    "cd /path/to/your/app",  
    "sudo docker build -t my-app .",  
    "sudo docker run -d -p 80:80 my-app"  
]  
}
```

```
tags = {  
    Name = "DockerVM"  
}  
}
```