



Dr. Vishwanath Karad
MIT WORLD PEACE
UNIVERSITY | PUNE
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

Names:

Nakul Dighe - 1132220859

Arya Raut - 1132220885

Sarvesh Lole - 1132220831

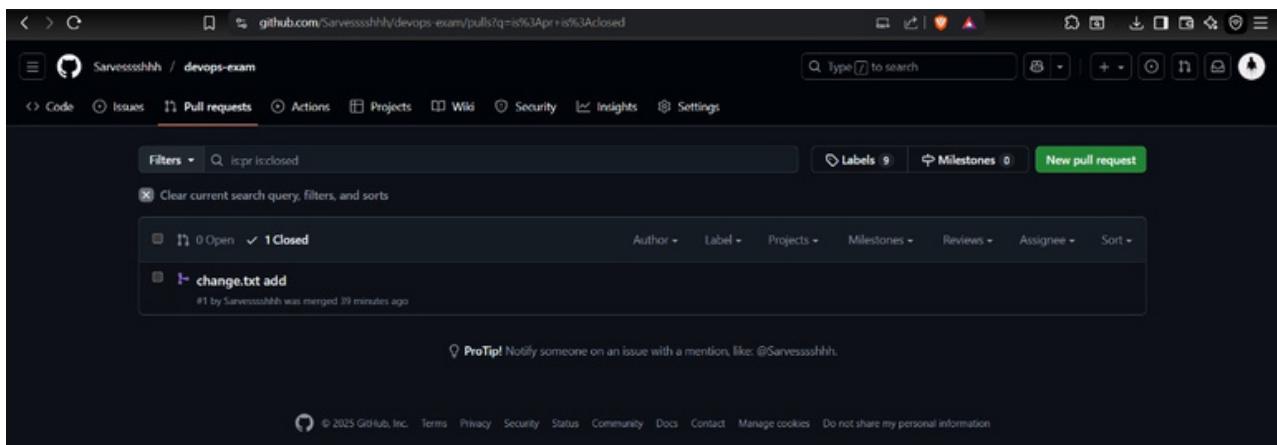
Mihir Ginde - 1132221140

Heramb Joshi - 1132221172

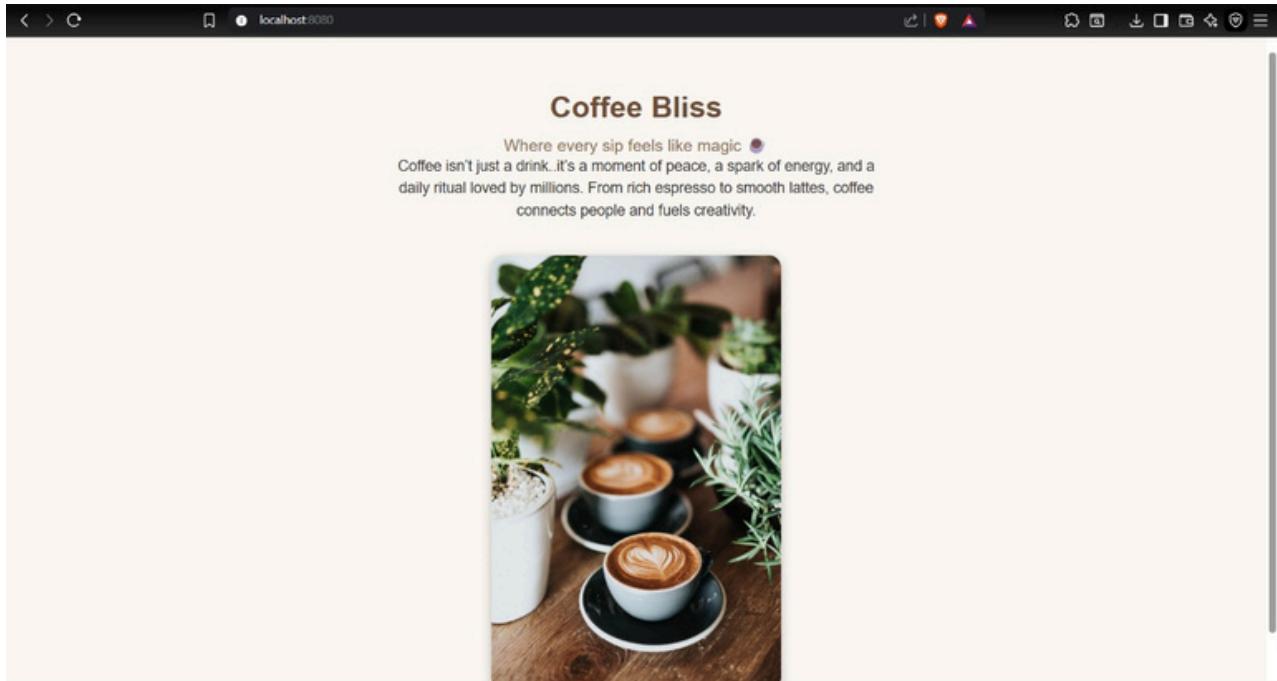
Lab on DevOps final exam

Repository Link:
<https://github.com/Sarvesssshhh/devops-exam>

Task 1: GIT – Repository & Branching Workflow



Task 2: DOCKER – Application Containerization



Task 4: TERRAFORM – Automate AWS Infrastructure

ec2

The screenshot shows the AWS EC2 Instances page with a single instance listed:

| Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Zone | Public IPv4 DNS | Public IPv4 IP | Elastic IP |
|------------------|---------------------|----------------|---------------|-------------------|-----------------------------|-------------------|-------------------------|----------------|------------|
| Terraform-Lab... | i-0bb5cd9f24143fac6 | Running | t2.micro | 2/2 checks passed | View alarms | us-east-1b | ec2-3-85-63-203.comp... | 3.85.63.203 | - |

S3 bucket

The screenshot shows the AWS S3 Bucket 'my-unique-tf-bucket-name-123' with one object named 'lab/'.

| Name | Type | Last modified | Size | Storage class |
|------|--------|---------------|------|---------------|
| lab/ | Folder | - | - | - |

Task 6: AWS – Web Hosting & Backup

The screenshot shows a web browser window displaying a simple website titled "Coffee Bliss". The page content includes:

Where every sip feels like magic ☕
Coffee isn't just a drink..it's a moment of peace, a spark of energy, and a daily ritual loved by millions. From rich espresso to smooth lattes, coffee connects people and fuels creativity.

