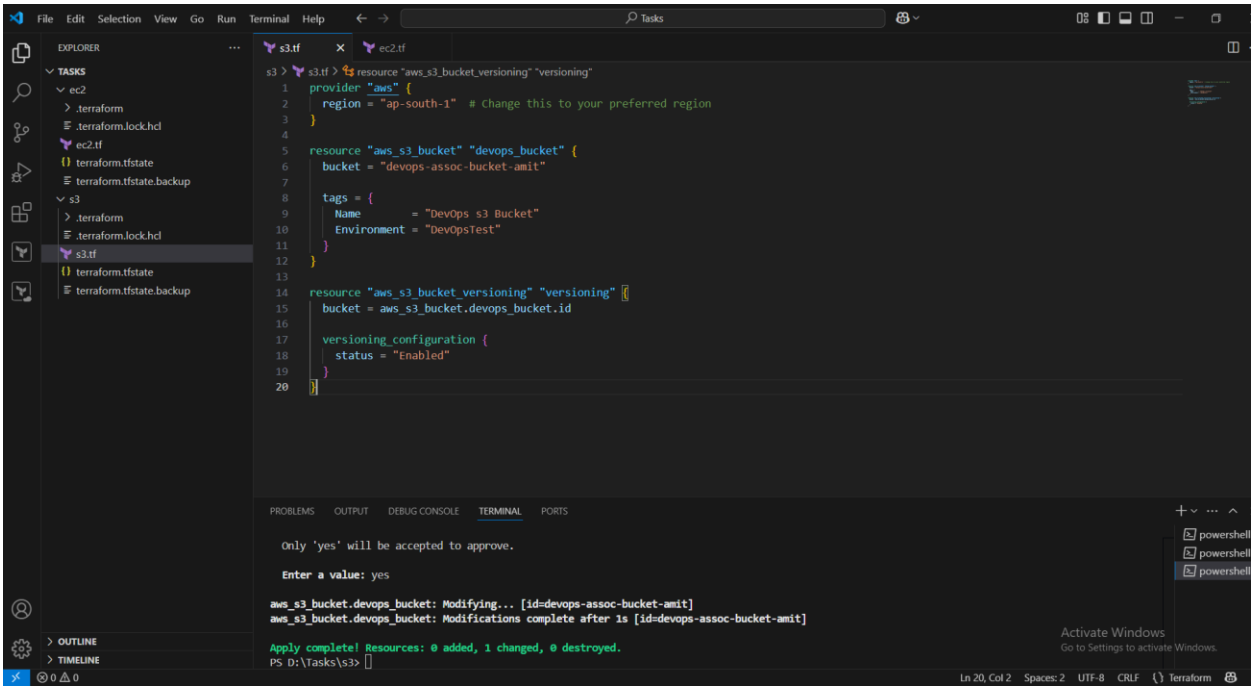
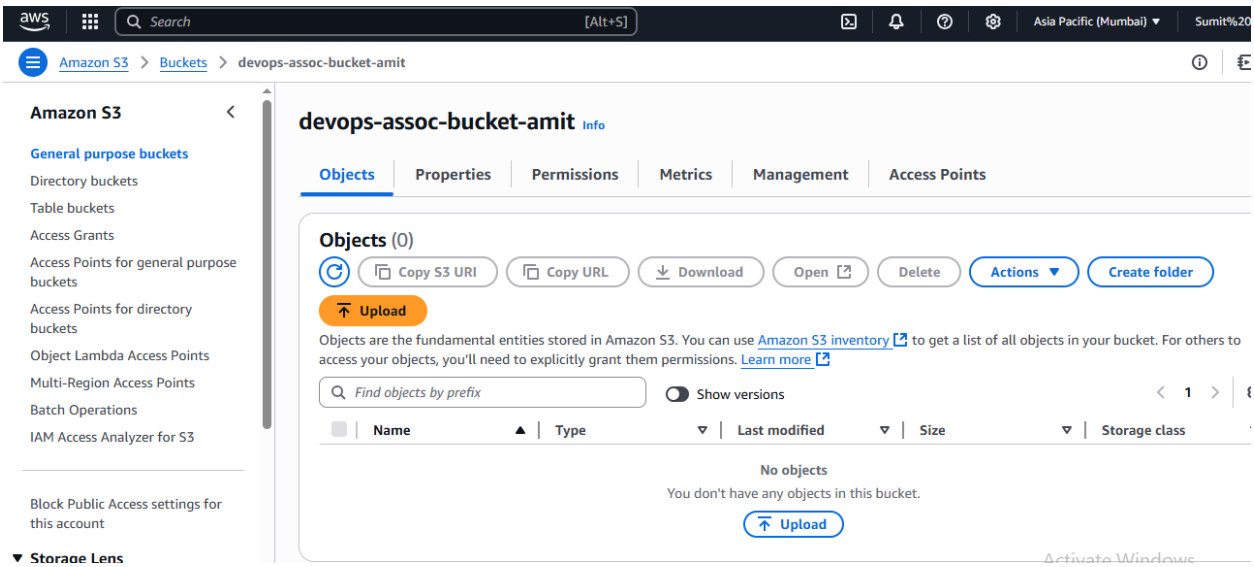
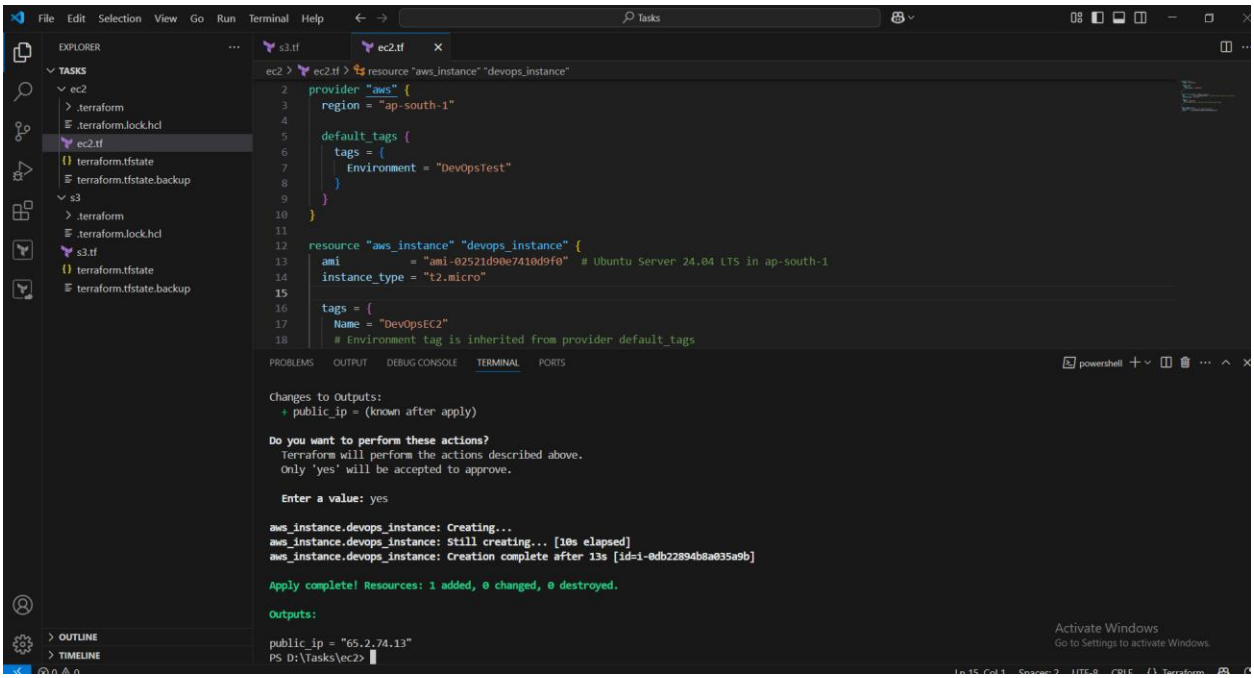
Task 1: Terraform S3 Bucket



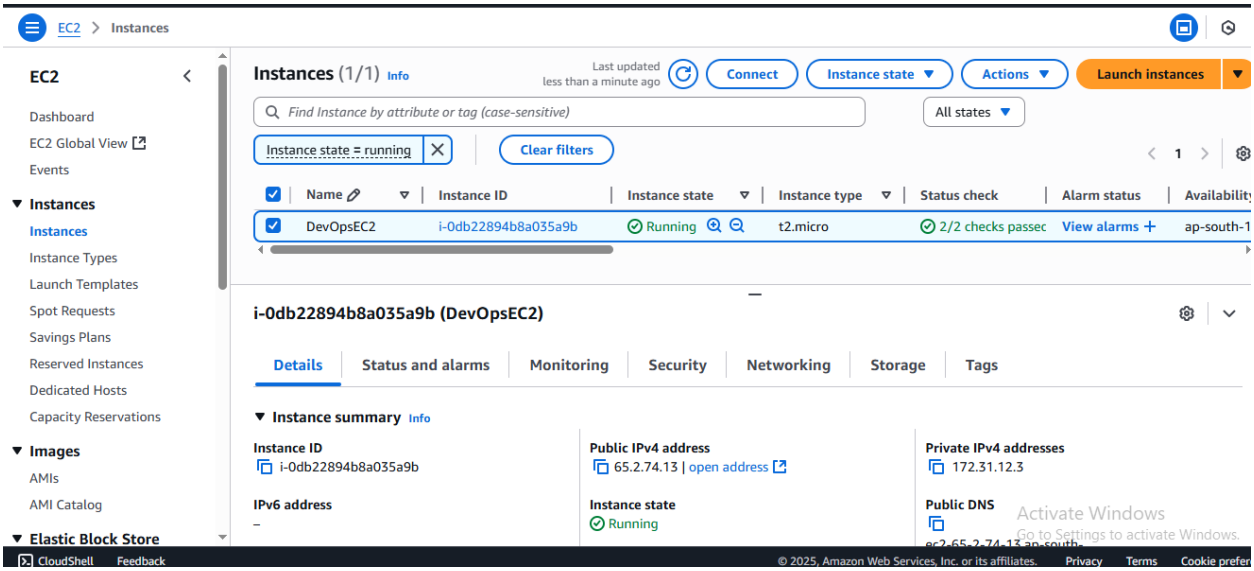
- terraform init
- terraform plan
- terraform apply



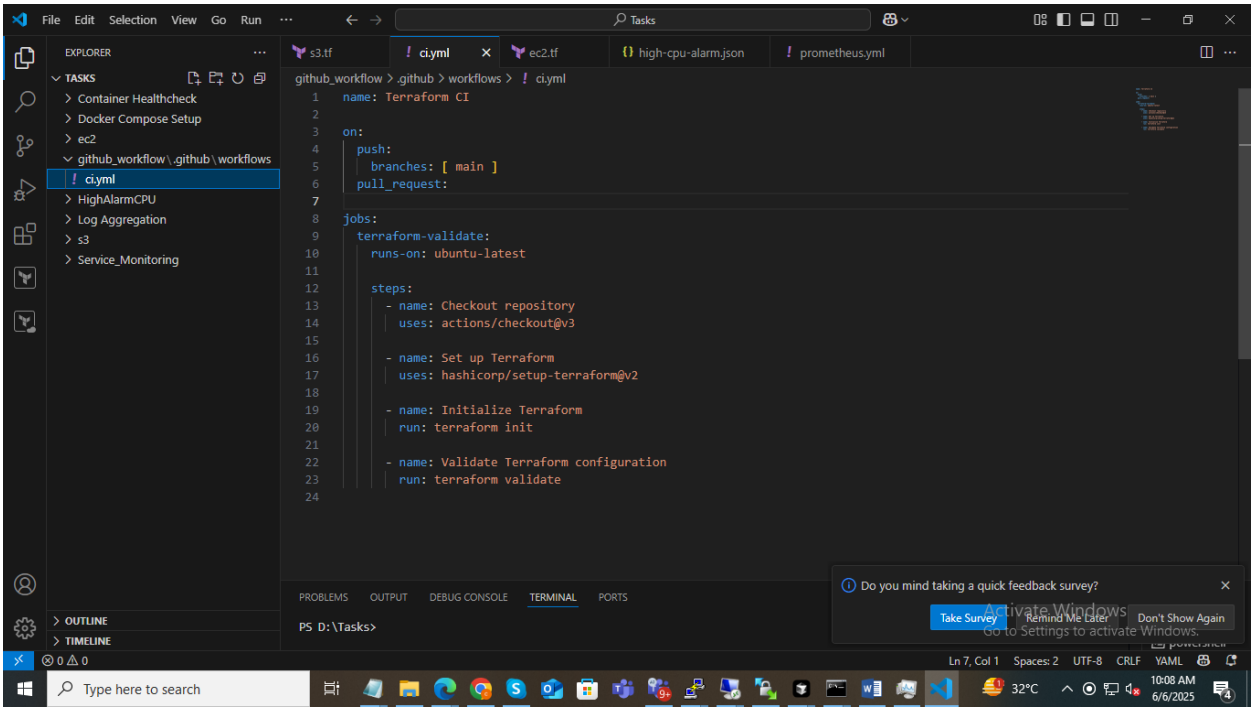
Task 2: EC2 Instance Provisioning



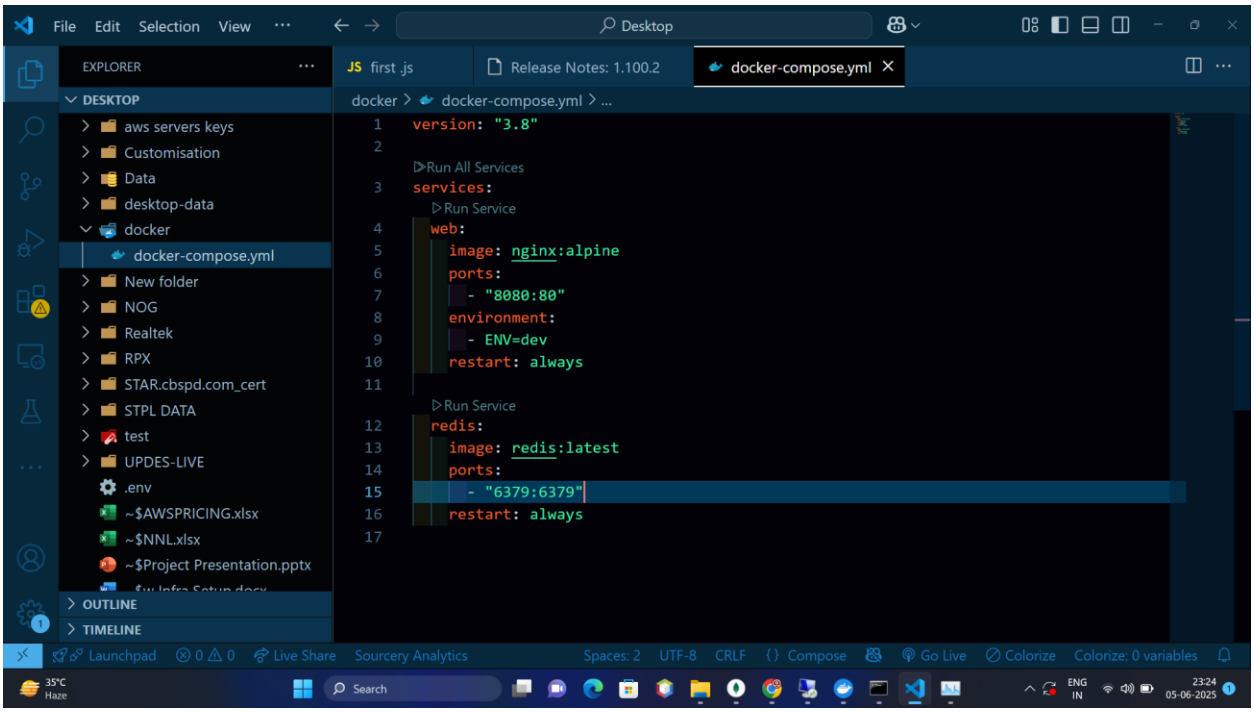
- terraform init
- terraform plan
- terraform apply



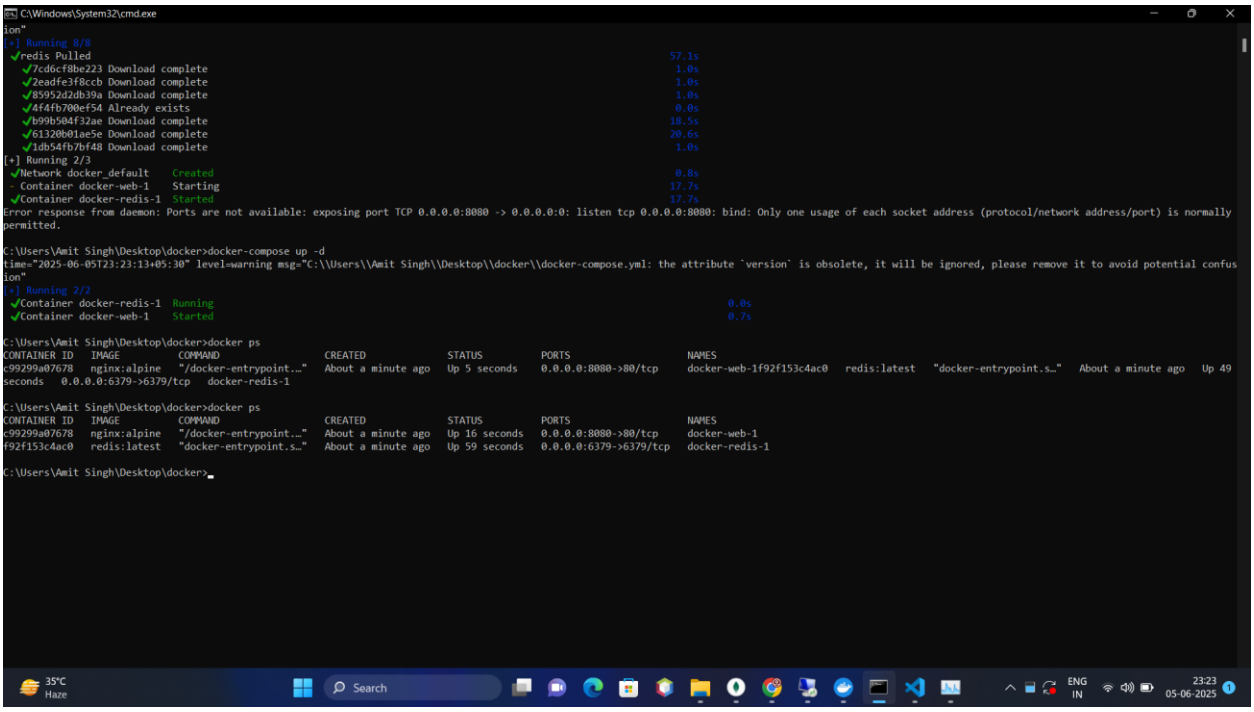
Task 3: CI Pipeline Snippet



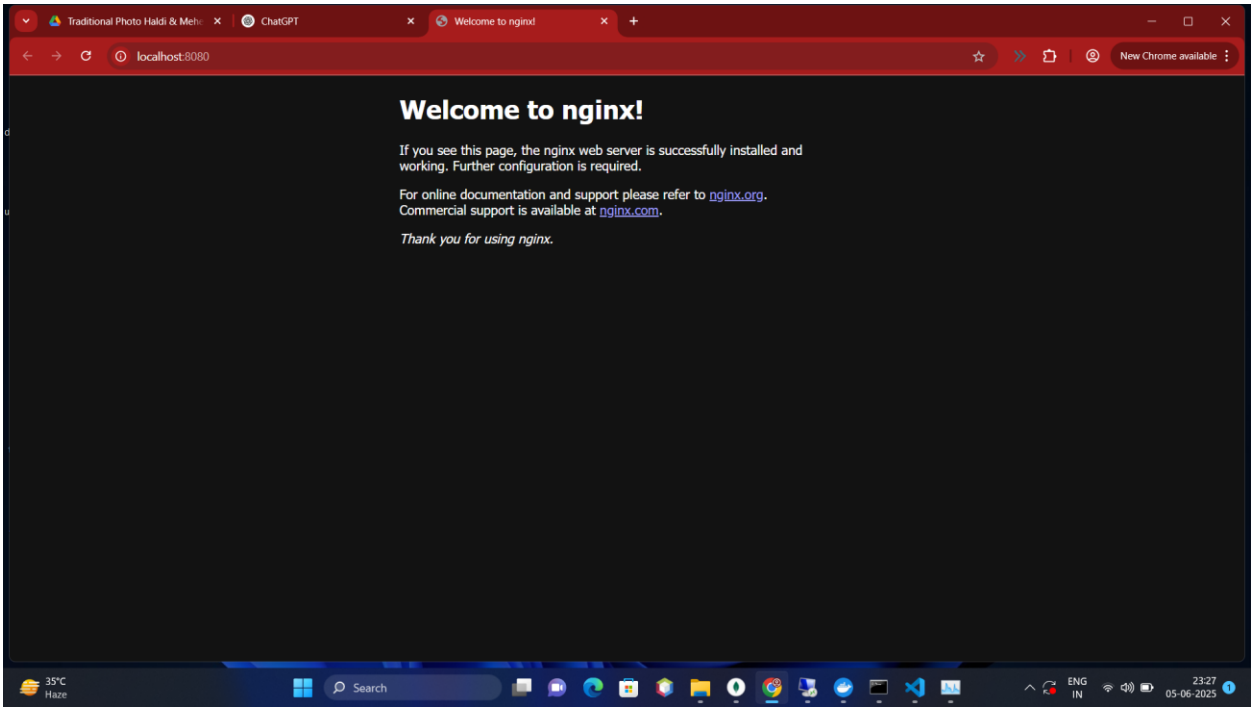
Task 4: Docker Compose Setup



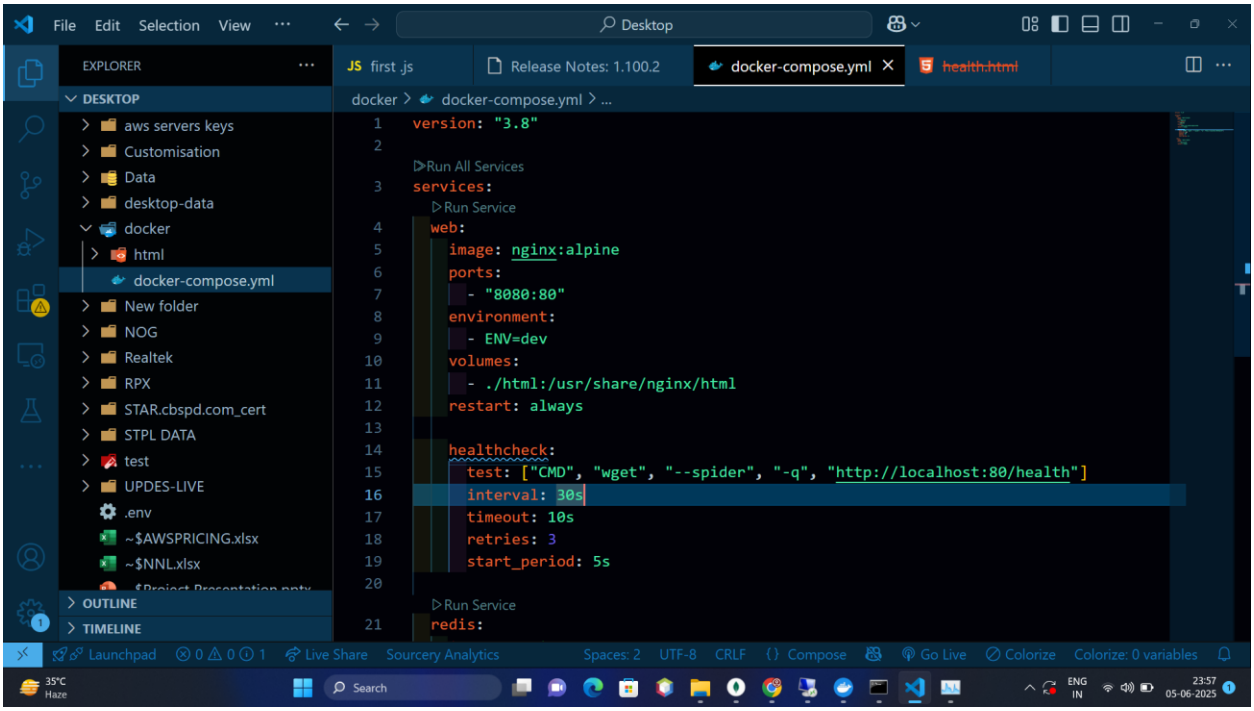
- docker-compose up –d
- docker ps



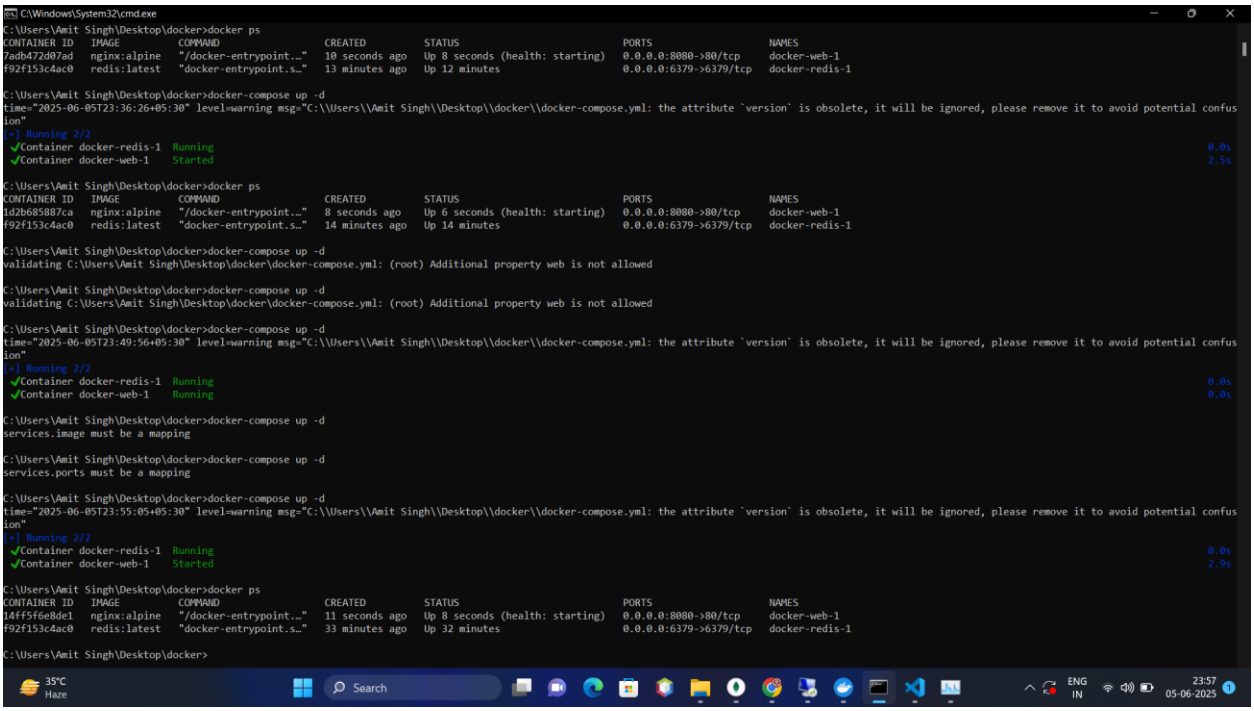
- https://localhost:8080



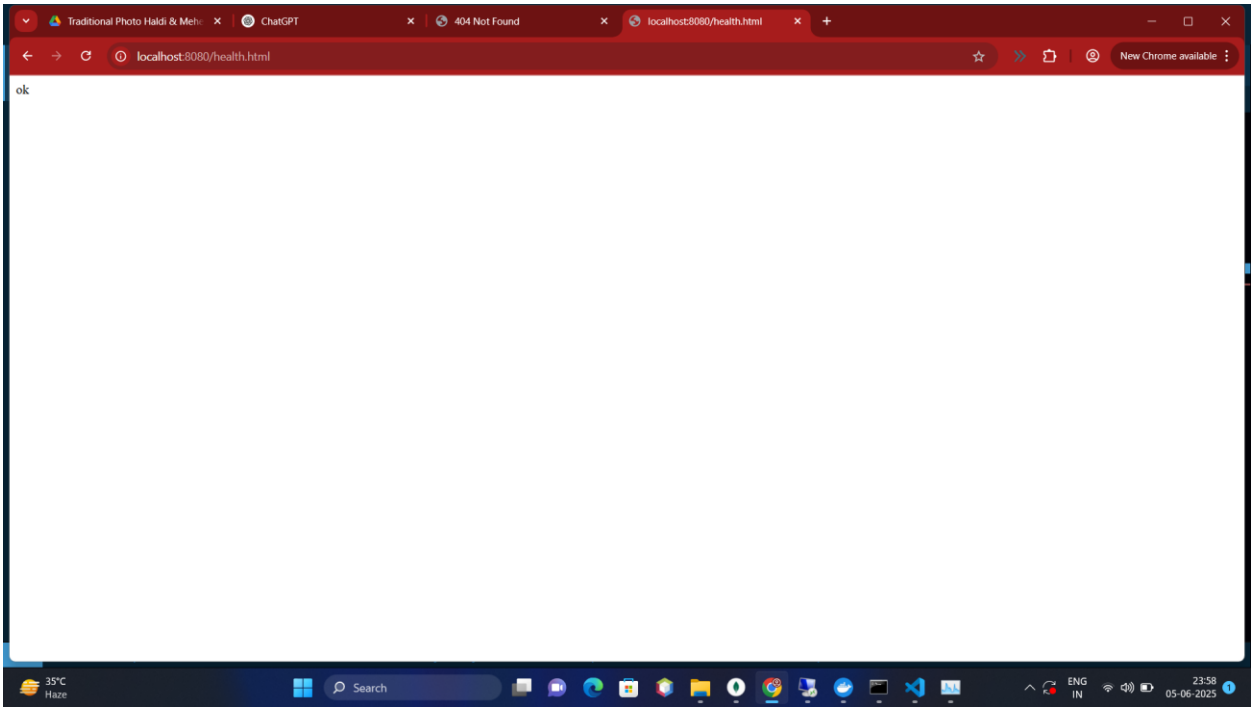
Task 5: Container Healthcheck



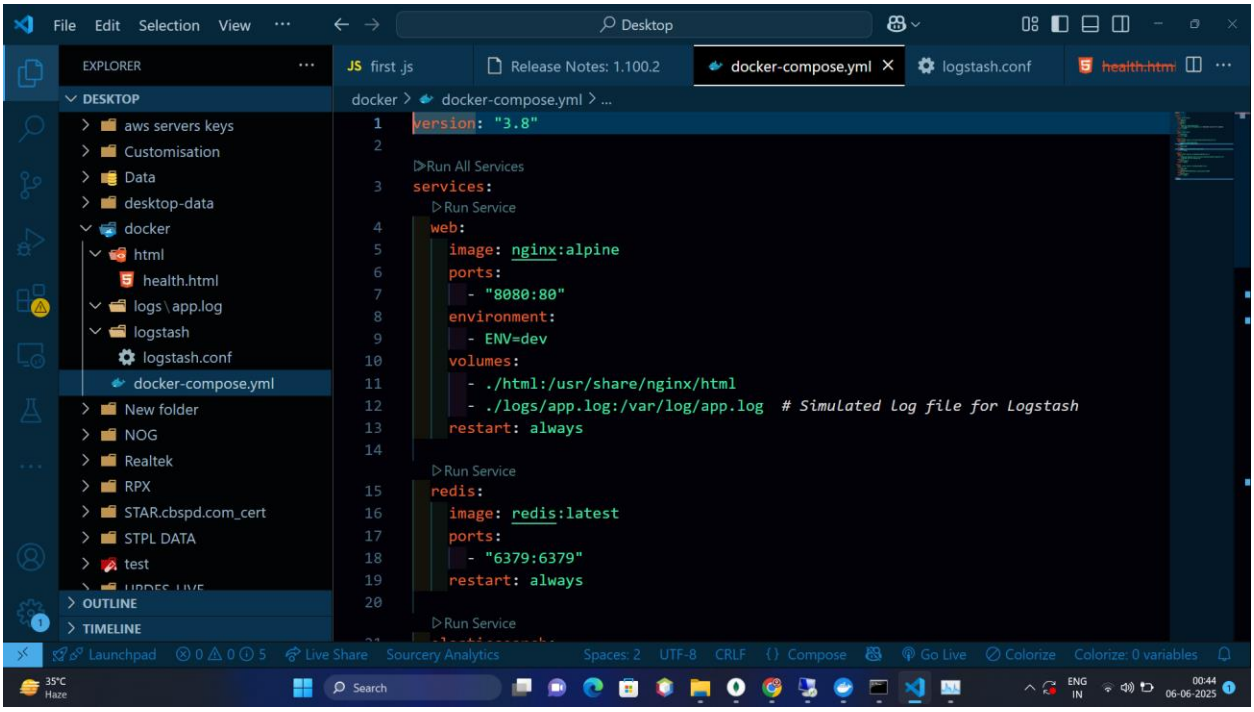
- docker-compose up -d
- docker ps

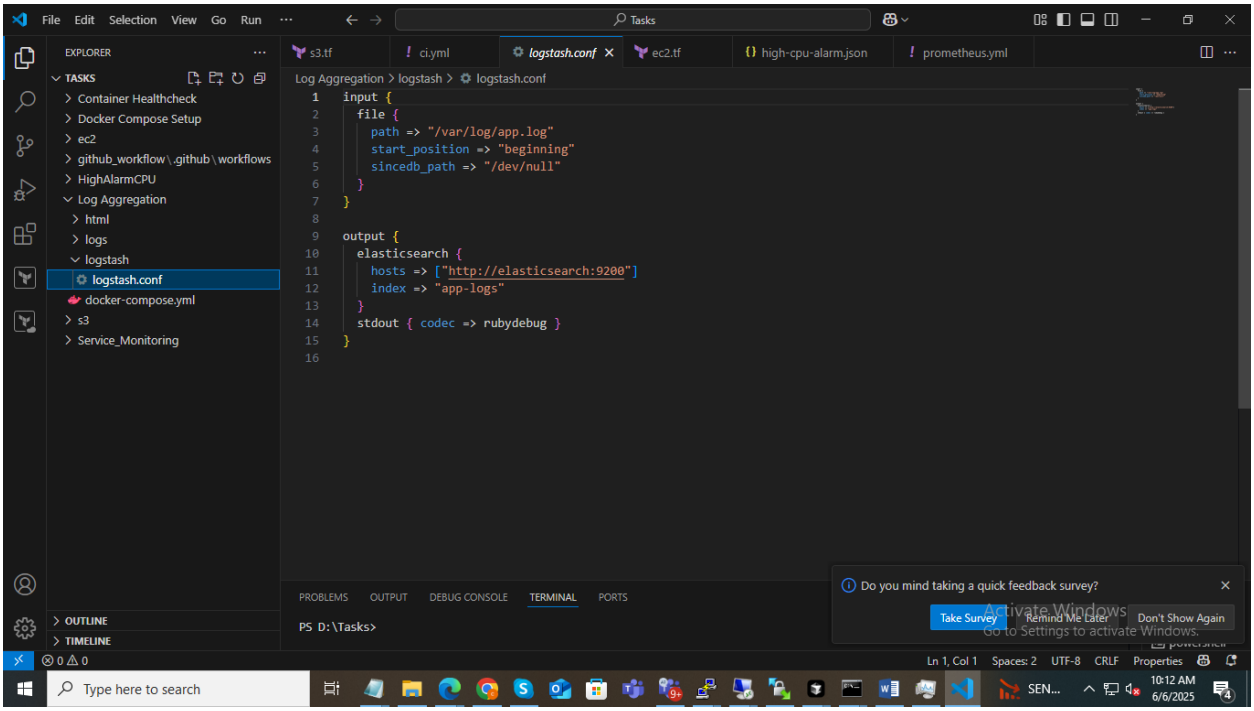


Checks HTTP 200 on `http://localhost:8080/health`

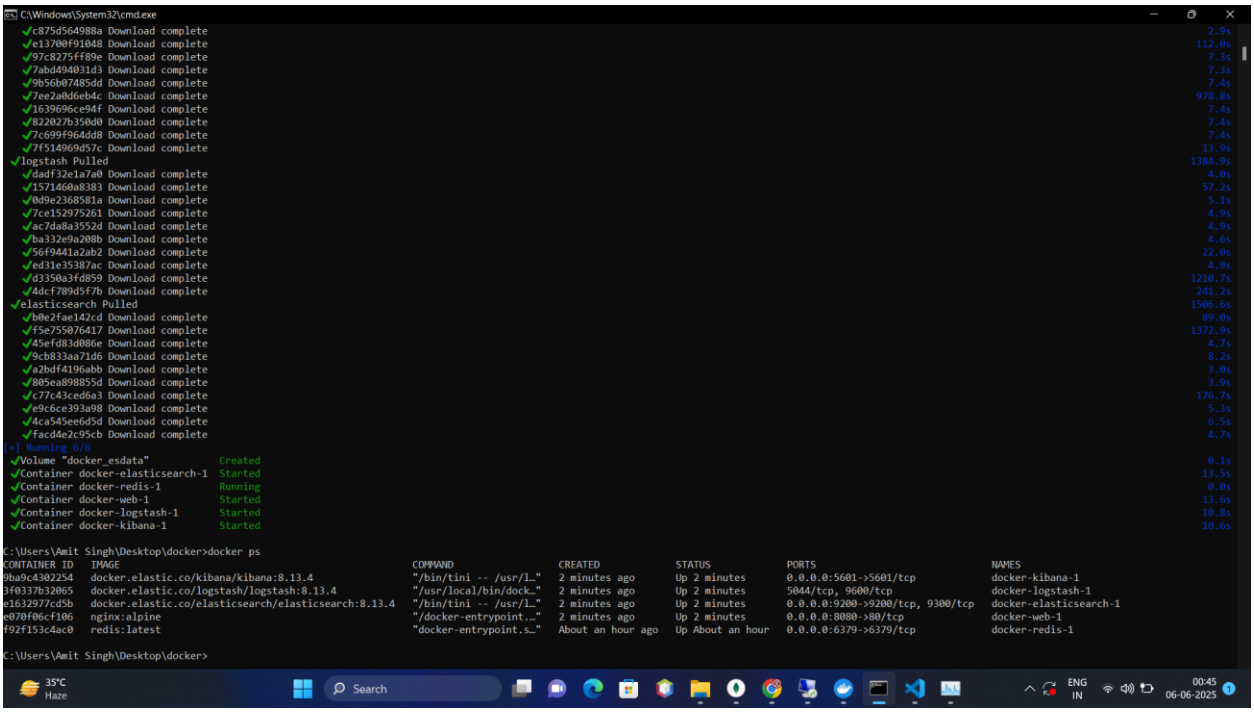


Task 6: Log Aggregation

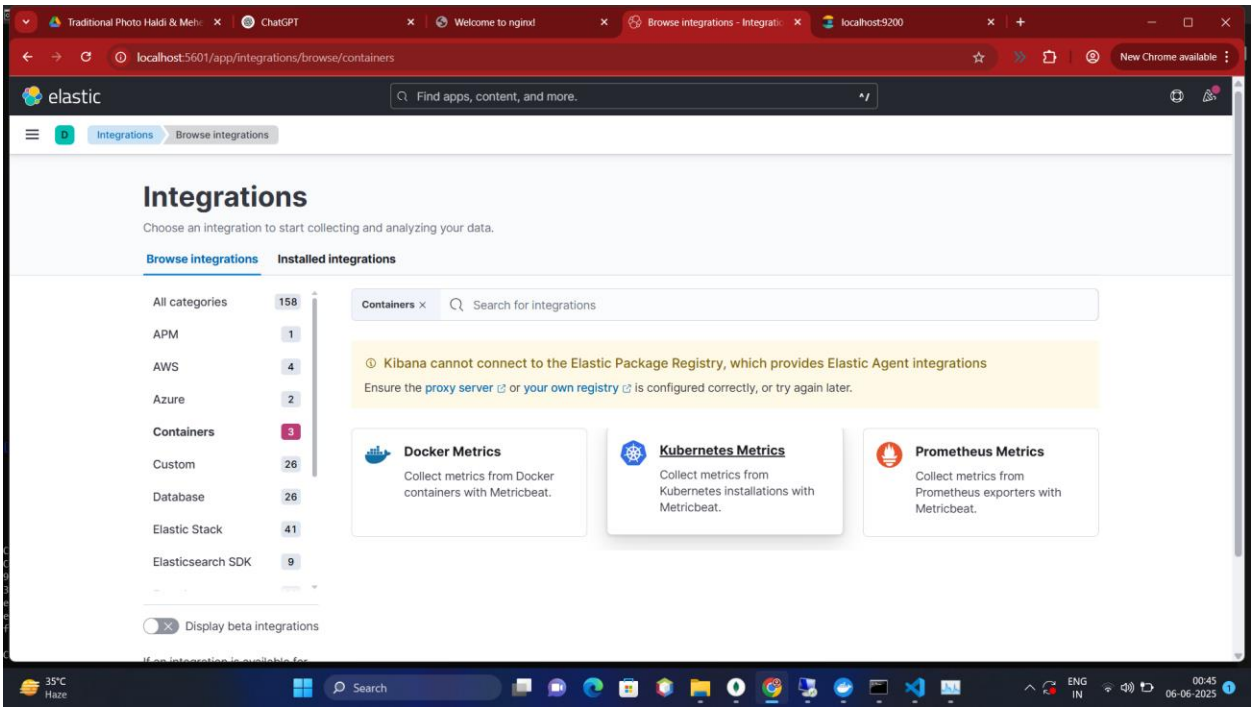




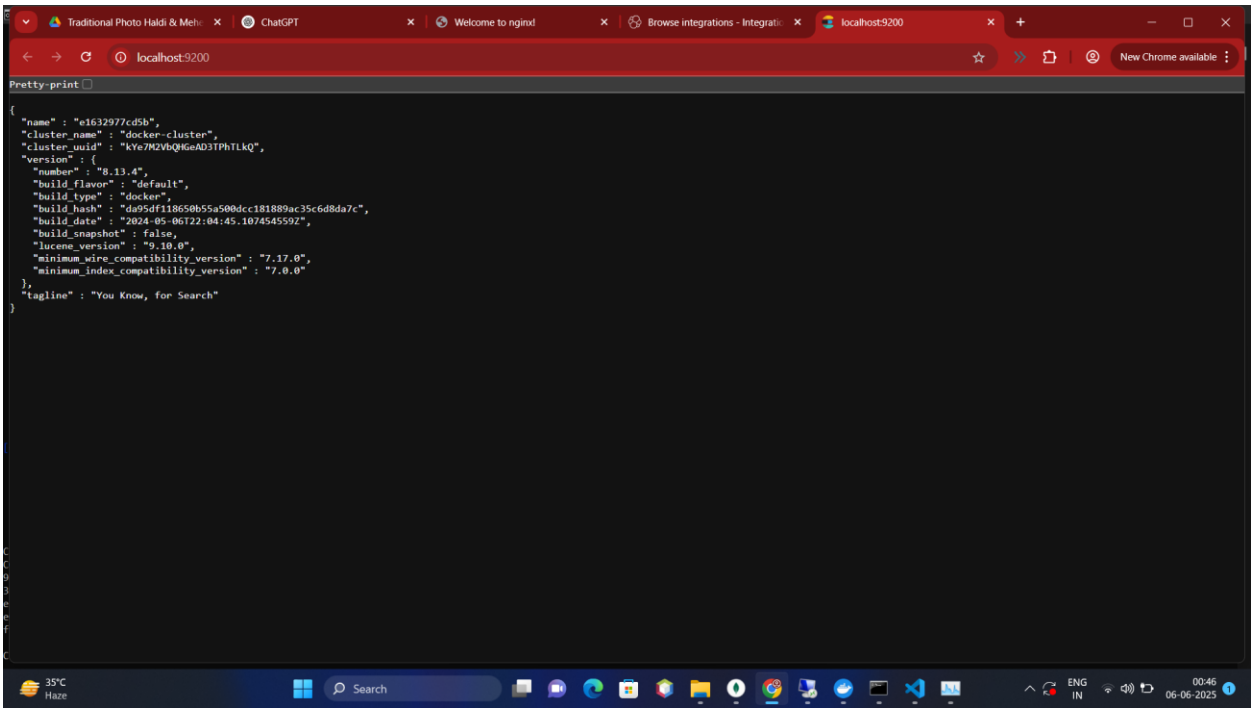
- docker-compose up –d
- docker ps



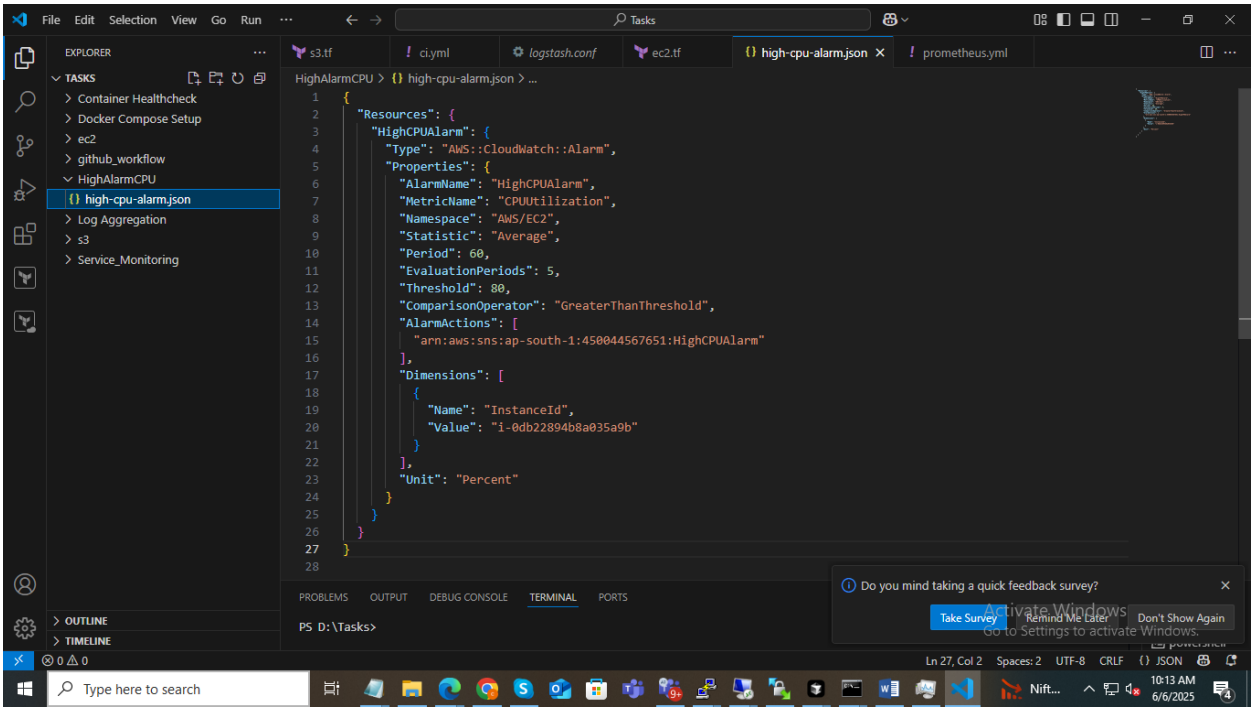
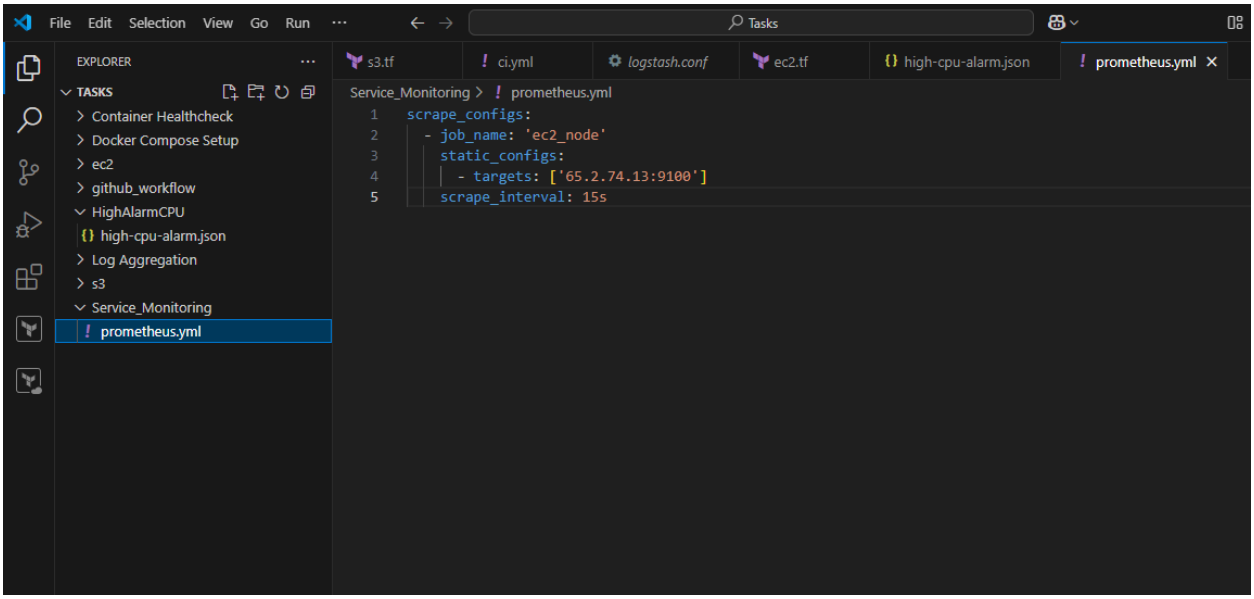
- Kibana: https://localhost:5601



- Elasticsearch: http://localhost:9200



Task 7: CloudWatch Alert



Task 8: Service Monitoring