

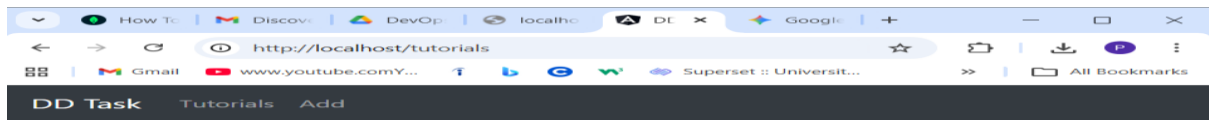
MEAN Stack CRUD: Dockerized with CI/CD

## Step-by-Step Setup

Clone : <https://github.com/pritee-mane/crud-dd-task-mean-app>

Build : docker compose up --build

App UI :



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## CI/CD Success:

This screenshot shows a development environment with VS Code on the left and a web browser on the right. The VS Code window displays a project named 'CRUD-DD-TASK-MEAN-APP' with a file explorer on the left and a code editor in the center. The code editor shows a Dockerfile with the following content:

```
4 newProjectRoot: "projectRoot"
5 "projects": {
6   "angular-15-crud": {
7     "projectType": "application",
8     "schematics": {},
9     "root": "",
10    "sourceRoot": "src",
11    "prefix": "app",
12    "architect": {
13      "build": {
14        "builder": "@angular-devkit/build-angular",
15        "options": {
16          "outputPath": "dist",
17          "index": "src/index.html",
18          "main": "src/main.ts",
19          "polyfills": [
```

The output console shows the following message:

```
nothing to commit, working tree clean
PS C:\Users\pritee\OneDrive\Desktop\crud-dd-task-mean-app> git add .
Enumerating objects: 67, done.
Counting objects: 100% (67/67), done.
Delta compression using up to 16 threads
Compressing objects: 100% (57/57), done.
Writing objects: 100% (67/67), 184.09 KiB | 1.84 MiB/s, done.
Total 67 (delta 3), reused 55 (delta 3), resolved 10 (delta 3), pushed 67 to https://github.com/pritee-mane/crud-dd-task-mean-app
+ 111406e...4b97c3c main -> main (forced update)
PS C:\Users\pritee\OneDrive\Desktop\crud-dd-task-mean-app>
```

The web browser shows the GitHub Actions workflow runs for the repository 'pritee-mane / crud-dd-task-mean-app'. The 'Actions' tab is selected, showing a list of workflow runs. The most recent run is 'Final Fix: Corrected Angular build path and flat structure', which is in a 'Completed' state. The workflow run details show the following steps:

- Set up job (0s)
- Run actions/checkout@v4 (1s)
- Build (1m 2s)
- Post Run actions/checkout@v4 (0s)
- Complete job (0s)

This screenshot shows the details of a specific GitHub Actions workflow run. The workflow is 'Final Fix: Corrected Angular build path and flat structure #22'. The run is in a 'Completed' state and was triggered by a push to the 'main' branch. The workflow run details show the following steps:

- Set up job (0s)
- Run actions/checkout@v4 (1s)
- Build (1m 2s)
- Post Run actions/checkout@v4 (0s)
- Complete job (0s)

The 'build' step is highlighted, showing the following logs:

```
build
succeeded 7 minutes ago in 1m 5s

> Set up job
> Run actions/checkout@v4
> Build
> Post Run actions/checkout@v4
> Complete job
```

## Docker Build :

Both frontend and backend images compile successfully in the pipeline logs.

## Working UI :

The application is fully responsive and connected to the backend.

The screenshot shows a web browser displaying the GitHub repository page for 'pritee-mane/crud-dd-task-mean-app'. The repository is public and has 0 stars, 0 forks, and 0 watches. The main branch is 'main' with 1 branch and 0 tags. The repository contains a commit titled 'Final Fix: Corrected Angular build path and flat structure' by 'pritee-mane', dated 27 minutes ago, with 1 commit. The commit message is 'Final Fix: Corrected Angular build path and flat structure'. The repository files listed are: .github/workflows, backend, frontend, README.md, and docker-compose.yml. The README.md file is selected, showing the following content: 'In this DevOps task, you need to build and deploy a full-stack CRUD application using the MEAN stack (MongoDB, Express, Angular 15, and Node.js). The backend will be developed with Node.js and Express to provide REST APIs, connecting to a MongoDB database. The frontend will be an Angular application utilizing HTTPClient for communication.'

The browser's address bar shows the URL 'https://github.com/pritee-mane/crud-dd-task-mean-app'. The browser's taskbar at the bottom shows the system clock as 19:33 on 24-02-2026, with a temperature of 29°C and weather 'Mostly cloudy'.