

MPL Lab 10
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D15B
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Aim: To deploy a production-ready E-commerce PWA to GitHub Pages for public access and testing.

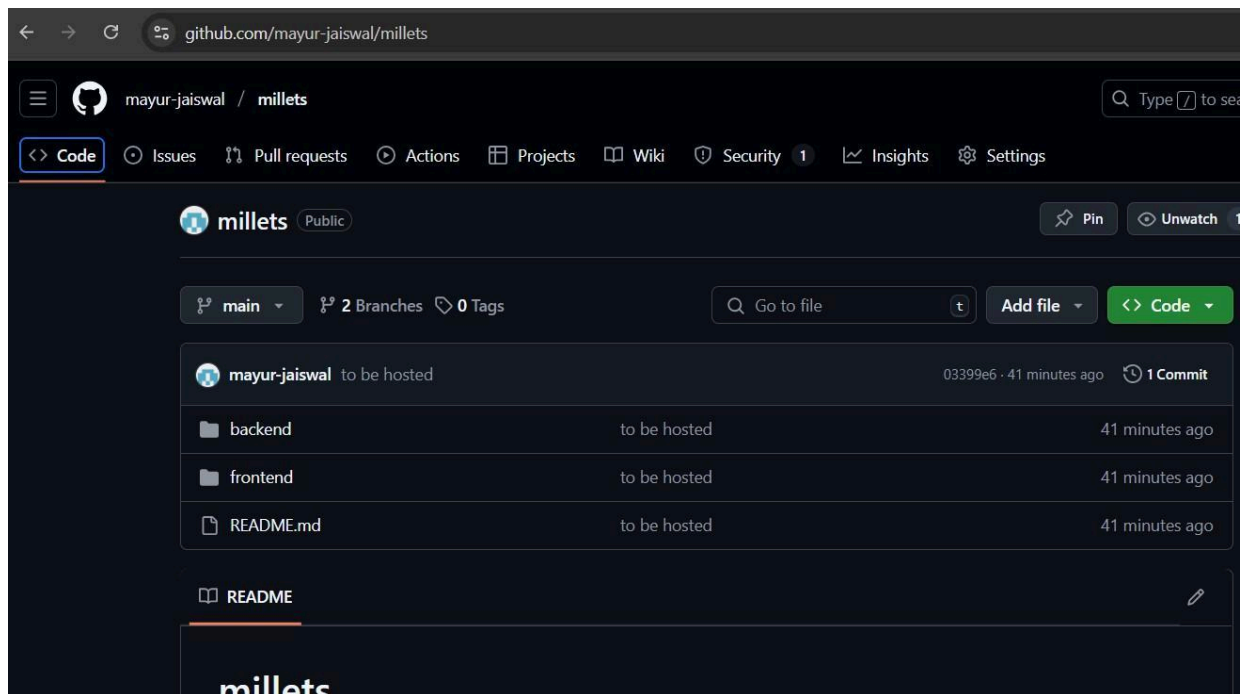
Theory: GitHub Pages is a free hosting service for static websites, making it an ideal platform for deploying PWAs. Apps must be built into static files (HTML, CSS, JS) and pushed to the **gh-pages** branch of a GitHub repository or published via tools like **gh-pages** npm package.

Key Features:

- No Hosting Fees: Ideal for students, freelancers, and MVPs.
- Instant Preview: Easily share your app with others.
- Custom Domains: Add your own domain via settings.
- Easy Updates: Re-deploy using a single command.

Steps to Deploy an E-commerce PWA to GitHub Pages

1. Create a GitHub Repository – Set up a new public repository on GitHub.
2. Initialize Git – Link your local project to the repository and commit your code.
3. Push Code to GitHub – Upload your project files to GitHub.
4. Enable GitHub Pages – Go to the repository's Settings > Pages, set the source to the main branch, and save.
5. Install Deployment Tool – Add the necessary package for GitHub Pages deployment.
6. Update Project Settings – Modify the project configuration to specify the deployment URL.
7. Deploy the PWA – Build the project and publish it to GitHub Pages.
8. Access Live Site – Visit the provided GitHub Pages link to view your deployed PWA



millets

Public

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Fork 0

General

Access

Collaborators

Moderation options

Code and automation

Branches

Tags

Rules

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Your site is live at <https://mayur-jaiswal.github.io/millets/>

Last deployed by mayur-jaiswal 16 minutes ago

Visit site

Build and deployment

Source

Deploy from a branch