

GitHub Action Laravel Deploy



i need ggithub action file to deploy laravel project in shared hosting using cpanel. als i need to install dependencies and upload the projects files to host

Here's a GitHub Actions workflow file to deploy a Laravel project to shared hosting via cPanel. It does the following:

1. Installs dependencies using `composer install`.
2. Uploads the project files via FTP to cPanel.
3. Clears and caches Laravel configuration.
4. Runs migrations.

Prerequisites:

- Enable FTP access in your cPanel.
- Get your FTP credentials (`FTP_HOST`, `FTP_USERNAME`, `FTP_PASSWORD`).
- Get the document root path (e.g., `/home/yourcpanelusername/public_html`).

`.github/workflows/deploy.yml`

```
yaml

name: Deploy Laravel to Shared Hosting

on:
  push:
    branches:
      - main # Change this to your deployment branch

jobs:
  deploy:
    runs-on: ubuntu-latest

    steps:
      - name: Checkout Repository
        uses: actions/checkout@v4

      - name: Install PHP and Dependencies
        uses: shivammathur/setup-php@v2
        with:
          php-version: '8.1' # Change to your PHP version
          tools: composer
          coverage: none

      - name: Install Composer Dependencies
        run: |
          composer install --no-dev --no-interaction --prefer-dist --optimize-autoloader

      - name: Upload Files to cPanel via FTP
        uses: SamKirkland/FTP-Deploy-Action@v4
        with:
          server: ${ secrets.FTP_HOST }
          username: ${ secrets.FTP_USERNAME }
          password: ${ secrets.FTP_PASSWORD }
          local-dir: ./
          server-dir: /home/yourcpanelusername/public_html/ # Change this path
```

```
- name: Set Permissions
  run: |
    chmod -R 755 storage bootstrap/cache

- name: Clear Laravel Cache
  run: |
    sshpass -p "${{ secrets.FTP_PASSWORD }}" ssh -o StrictHostKeyChecking=no ${{ secrets.FTP_USERNAME }}@${{ secrets.FTP_HOST }} "php artisan cache:clear"

- name: Run Migrations
  run: |
    sshpass -p "${{ secrets.FTP_PASSWORD }}" ssh -o StrictHostKeyChecking=no ${{ secrets.FTP_USERNAME }}@${{ secrets.FTP_HOST }} "php artisan migrate --force"
```

Steps to Configure:

1. Add the following secrets in your GitHub repository (`Settings` → `Secrets and Variables` → `Actions` → `New repository secret`):
 - `FTP_HOST`: Your cPanel FTP host (e.g., `ftp.yourdomain.com` or `yourdomain.com`).
 - `FTP_USERNAME`: Your FTP username.
 - `FTP_PASSWORD`: Your FTP password.
2. Update the `server-dir` path with your actual public folder path.
3. Push to the `main` branch to trigger deployment.

This will automatically install dependencies, upload files, set permissions, clear cache, and run migrations on every push to `main`. 🚀 Let me know if you need any modifications!

ChatGPT can make mistakes. Check important info.