

# Deployment Guide

## GitHub Pages Deployment

### Step 1: Push to GitHub

```
bash
```

```
git add .
```

```
git commit -m "Initial commit"
```

```
git push origin main
```

### Step 2: Enable GitHub Pages

1. Go to your repository on GitHub
2. Click Settings → Pages
3. Under "Source", select "Deploy from a branch"
4. Choose "main" branch and "/" (root)" folder
5. Click Save

### Step 3: Wait for Deployment

- GitHub will build and deploy your site
- Check Actions tab for build status
- Site will be available at: `https://[username].github.io/trioll-website/`

## Custom Domain Setup

### Step 1: Add CNAME file

Create a file named `CNAME` in your repository root:

```
yourdomain.com
```

### Step 2: Configure DNS

Add these records to your domain's DNS:

- A record: `185.199.108.153`
- A record: `185.199.109.153`
- A record: `185.199.110.153`
- A record: `185.199.111.153`

### Step 3: Enable HTTPS

- Wait for DNS propagation (up to 24 hours)
- Go to Settings → Pages
- Check "Enforce HTTPS"

### Environment Variables

This website doesn't use environment variables. All configuration is in the code:

- AWS region: us-east-1
- Identity Pool ID: Public (safe to expose)
- No API keys needed

### Monitoring

#### CloudWatch (AWS)

Monitor S3 uploads and Cognito authentication

#### GitHub Pages

Check deployment status in Actions tab

### Updates

To update the website:

```
bash
```

```
git add .
```

```
git commit -m "Update description"
```

```
git push origin main
```

GitHub Pages will automatically redeploy.