



Publishing a Website

Presented by: Alsunaidar Nada Khalid Ahmad

Presented for: Dr.Basheer Alhaimi


Student ID: 52213221143

Introduction


This presentation provides an overview of various methods for hosting a website online. It details each method's steps and associated costs, enabling a clear understanding of the best hosting solution based on specific needs, technical expertise, and budget.



Our Objectives



To provide detailed steps and cost analysis for different methods of publishing a website online.



To help choose the best method based on our needs, technical skills, and budget

The Best Methods

- 1. Web Hosting Service**
- 2. GitHub Pages**
- 3. Website Builders**
- 4. Content Management Systems (CMS)**

Using a Web Hosting Service



Choose a domain name

website's address (e.g., www.yourwebsite.com)



Choose a web hosting provider

This is where your website files will be stored.



Set up hosting account

Sign up for an account , and Select a plan



Connect domain and Upload website files

Link your domain name to your hosting provider and upload your website files.

Examples of platforms Using a Web Hosting Service



Bluehost

Known for its reliability and excellent customer support.



SiteGround

Offers great performance and top-notch security features.



HostGator

Provides affordable plans and a variety of hosting options.

Using GitHub Pages



Create a GitHub account

Sign up for free at github.com.



Create a new repository and add website files

format `username.github.io` for personal websites, and Upload your file.



Configure GitHub Pages

Go to the repository settings, enable GitHub Pages, and choose the main branch as the source



Access published website



Custom domain

Set up a custom domain by updating the DNS settings with your domain registrar .

Examples of platforms using GitHub Pages



GitHub Pages

Ideal for hosting static websites directly from a GitHub repository.



Netlify

Offers continuous deployment from GitHub, Bitbucket, and GitLab repositories.



Vercel

Great for hosting static sites and frontend frameworks with a seamless Git integration.

Using Website Builders



Sign up and choose a template

Pick from a range of professionally designed templates tailored to different types of websites.



Customize your website

Use the builder's drag-and-drop tools to add text, images, and other elements.



Connect a domain

Use a domain provided by the builder or connect a custom domain.



Publish your website

Make your site live with a single click.

Examples of platforms using Website Builders



Wix

User-friendly with a wide range of templates and customization options.



Squarespace

Known for its beautiful design templates and robust features.



Weebly

Offers easy-to-use drag-and-drop tools with flexible pricing plans

Using CMS



Choose a CMS, and web hosting provider

Popular choices include WordPress, and Ensure the host supports your CMS (e.g., SiteGround for WordPress).



Install the CMS, and choose a theme

install feature provided by the hosting service



Configure settings

Set up permalinks, users, and other settings.



Test and publish your website

Check that everything works as intended and make your site live.

Examples of platforms Using a Content Management Systems (CMS)



WordPress

The most popular CMS, known for its flexibility and a vast array of plugins and themes.



Joomla

Offers powerful content management features and extensive customization.



Drupal

Suitable for complex and large-scale websites, known for its robust security and scalability.

Cost Comparison Table

| Method | Domain Cost | Hosting Cost | SSL Cost | Total Cost |
|---------------------------|-----------------------|--------------------|-----------------------|-------------------|
| Web Hosting Service | \$10 - \$15/year | \$2 - \$300+/month | Free - \$100+/year | \$34 - \$3,615+ |
| GitHub Pages | \$10 - \$15/year | Free | N/A | \$10 - \$15 |
| Website Builders | Included in paid plan | Free - \$50+/month | Included in paid plan | \$0 - \$600+/year |
| Content Management System | \$10 - \$15/year | \$2 - \$300+/month | Free - \$100+/year | \$34 - \$3,615+ |

Expert Recommendations for Website Hosting



Budget-Friendly

GitHub Pages with a custom domain



User-Friendly

Website builders (Wix, Squarespace)



Flexible and Scalable

CMS (WordPress) on a shared hosting plan



Professional/High-Traffic Sites

VPS or dedicated hosting with a CMS

Conclusion

In summary, this presentation has covered four different methods for hosting a website: Web Hosting Services, GitHub Pages, Website Builders, and Content Management Systems (CMS). Each method offers unique features and costs. By evaluating these options, one can make an informed decision to ensure effective, secure, and accessible website hosting.



Thank You

