# Personal Blog on IBM cloud static web apps

## Introduction:

##### Let me give you a proper introduction to my personal blog on IBM Cloud static web apps. It's a platform where I'll be sharing my travel experiences and coding adventures. I chose IBM Cloud because it offers a reliable and scalable infrastructure for hosting my blog. With static web apps, I can create fast-loading and secure pages, making it a perfect fit for my content. I'm super excited to share my journeys and coding knowledge with everyone!

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## 1. Problem:

##### The need for a personal blog platform that is easy to set up, secure, and scalable.

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## 2. Solution:

##### Utilize IBM Cloud Static Web Apps, a serverless platform that combines static site hosting, serverless functions, and continuous deployment.

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## 3. Design:

##### - Front-end: Use popular static site generators like Jekyll or Hugo to create the blog's user interface and content structure.

##### - Back-end: Leverage serverless functions to handle dynamic functionalities like contact forms or user authentication.

##### - Database: Integrate with a cloud-based database service like IBM Cloudant or MongoDB for storing blog data.

##### - Authentication: Implement user authentication using IBM App ID or a third-party authentication service.

##### - Continuous Deployment: Set up a CI/CD pipeline using tools like GitHub Actions or Travis CI to automatically deploy changes to the blog.

##### - Security: Utilize built-in security features of IBM Cloud, such as SSL certificates and access controls, to ensure the blog is secure.

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##### To create a personal blog on IBM Cloud static web apps we should focus on

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##### 1. Set up an IBM Cloud account and create a static web app project.

##### 2. Create an HTML file for your blog homepage, and include sections for the header, navigation menu, main content, and footer.

##### 3. Style your blog using CSS to make it visually appealing.

##### 4. Create additional HTML files for different pages, such as an About page, Blog page, and Contact page. Link these pages in the navigation menu.

##### 5. Write informative and engaging blog posts in HTML format, and organize them in a blog section on your website.

##### 6. Deploy your static web app to IBM Cloud.

##### 7. Share your blog URL with others to showcase your coding knowledge and experiences.

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#### here's a basic code structure for a personal blog on IBM Cloud static web apps:

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##### ```

##### <!DOCTYPE html>

##### <html>

##### <head>

##### <title>My Personal Blog</title>

##### <link rel="stylesheet" href="styles.css">

##### </head>

##### <body>

##### <header>

##### <h1>Welcome to My Blog!</h1>

##### </header>

##### 

##### <nav>

##### <ul>

##### <li><a href="index.html">Home</a></li>

##### <li><a href="about.html">About</a></li>

##### <li><a href="blog.html">Blog</a></li>

##### <li><a href="contact.html">Contact</a></li>

##### </ul>

##### </nav>

##### 

##### <main>

##### <article>

##### <h2>My First Blog Post</h2>

##### <p>This is the content of my first blog post. Lorem ipsum dolor sit amet...</p>

##### </article>

##### </main>

##### 

##### <footer>

##### <p>&copy; 2023 My Personal Blog. All rights reserved.</p>

##### </footer>

##### </body>

##### </html>

##### ```

##### 

##### Sample output be like

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##### This is just a basic template to get you started. You can customize it further by adding more pages, styling with CSS, and integrating with a backend if needed.

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