Personal blog

# **phase-2**

# Name:

# Reg no:

# Introduction:

## A personal blog is a type of online platform or website where an individual, typically the author, shares their thoughts, experiences, insights, and interests on a wide range of topics. Personal blogs are often informal and reflective in nature, allowing the author to express themselves, connect with readers, and create a digital space to document their life journey, hobbies, expertise, or opinions. These blogs may cover diverse subjects, such as travel, food, technology, personal development, and more, providing a personalized perspective and often inviting interaction from readers through comments and social sharing.

## Creating a personal blog on IBM Cloud involves several steps, including setting up the cloud environment, creating a web application, and deploying your blog. Here’s a step-by-step procedure:

# **Step 1: Sign Up and Log In**

## If you don’t already have an IBM Cloud account, sign up for one at <https://cloud.ibm.com/registration>.

## Log in to your IBM Cloud account.

# **Step 2: Create a Cloud Foundry Application**

## After logging in, click on the “Create Resource” button.

## In the resource catalog, select “Apps” and then choose “Cloud Foundry App.”

## 3. Configure your app:

## - Choose a region and organization.

## - Give your application a unique name.

## - Select a runtime (e.g., Node.js, Python, Ruby, or a language suitable for your blog platform).

## 4.Click “Create” to create your Cloud Foundry application.

# **Step 3: Set Up Your Blog Platform**

## Choose a blog platform or framework. Popular choices include WordPress, Jekyll, or a custom-built solution using a framework like Node.js or Ruby on Rails.

## Set up your blog platform within your local development environment. Make sure it is functional and ready for deployment.

# **Step 4: Deployment**

## 1. Deploy your blog to IBM Cloud:

## - If you are using a custom-built solution, make sure to create a manifest.yml file in the root of your project directory. This file should specify the name of your app, memory allocation, and any environment variables.

## - For WordPress, you can use the IBM Cloud Foundry buildpack for PHP.

## Open a terminal and navigate to your project’s root directory.

## Log in to IBM Cloud from the terminal using the command: `ibmcloud login`.

## Target your Cloud Foundry organization and space by using the command: `ibmcloud target –cf`.

## Push your blog to IBM Cloud using the command: `ibmcloud cf push`.

# **Step 5: Configure DNS and Domain**

## Once your blog is deployed, you can configure a custom domain for your blog. IBM Cloud provides documentation for setting up custom domains.

# **Step 6: Security and Maintenance**

## Ensure your blog is secure. Use HTTPS, configure firewall rules, and regularly update your blog platform and plugins.

## Regularly update and maintain your blog with fresh content, monitor its performance, and engage with your readers.

Conclusion :

## Creating a personal blog is not just about sharing your thoughts and experiences with the world but also about building a digital space where your audience can engage, learn, and connect. It’s a journey of self-discovery, a platform for authentic storytelling, and an opportunity to foster a community of like-minded individuals.