

# DEPLOYMENT OF APP IN IBM CLOUD

## UPLOAD IMAGE TO IBM CONTAINER REGISTRY

Team ID	PNT2022TMID06816
Project Name	Nutrition Assistant Application

The screenshot shows the IBM Cloud console interface for creating a Kubernetes cluster. The browser address bar displays 'cloud.ibm.com/kubernetes/catalog/create'. The page header includes the IBM Cloud logo, a search bar, and navigation links for 'Catalog', 'Manage', and the user account 'DURGADEVI R's Account'. The main content area is titled 'Kubernetes cluster' with 'Author: IBM' and links to 'Docs' and 'API docs'. There are 'Create' and 'About' tabs. A banner for Red Hat OpenShift is visible. The 'Plan details' section includes a link to learn more about plan differences and a 'Pricing plan' dropdown menu currently set to 'Free'. The 'Kubernetes version' section prompts the user to select a platform version. On the right, a 'Summary' sidebar shows the 'Worker node' configuration: 'Free', 'Free - 2 vCPUs 4GB RAM', 'Virtual - shared', and 'Ubuntu 18'. It also displays the 'Total estimated cost' as 'Free/mo' with a disclaimer about additional charges for networking and bandwidth. At the bottom of the sidebar are 'Create' and 'Add to estimate' buttons. The Windows taskbar at the bottom shows the search bar and system clock indicating 07:45 on 08-11-2022.

IBM Cloud | Search resources and products... | Catalog | Manage | DURGADEVI R's Account

Free

### Kubernetes version

Select the Kubernetes platform version for your cluster. For more information about versions, including links to the container platform community release notes, see the docs.

1.24.7

### Resource details

Cluster name: mycluster-free

Resource group: Default

### Summary

United States

#### Kubernetes cluster

1 Worker node Free

Free - 2 vCPUs 4GB RAM  
Virtual - shared  
Ubuntu 18

Total estimated cost: Free/mo

Additional charges for networking and bandwidth might apply.  
Actual monthly total will vary with tiered pricing.  
Estimate does not include costs for integrations.

Create

Add to estimate

IBM Cloud | Catalog | Manage | DURGADEVI R's Account

mycluster

### Details

Cluster ID	Version	Infrastructure	Zones
cd17jqnf0jki5r1fiu40	1.24.7_1542	Classic	Milan 01
Created	Resource group	Image security enforcement	
11/8/2022, 7:46 AM		<a href="#">Enable</a>	

### Node health

1 total nodes

Critical 0% Warning 0% Normal 0% Pending 100%

### Networking

Service endpoint URL

IBM Cloud

Clusters / mycluster-free

Preparing master, workers... Expires in 30 days Add tags

Overview

Worker nodes

Worker pools

DevOps New

Search

Name	Status	Worker pool	Zone	Private IP
000000e8	Provisioning	default	Milan 01	

ID kube-cdl7jqnf0jki5r1fiu40-myclusterfr-default-000000e8

Status Flavor Private VLAN

Free - 2 vCPUs 4GB RAM 2218181

1-1 of 1 item

Help

- Log in to your cluster
- Deploy your app
- Expose your app
- Add storage to your app
- Connect integrations
- Install add-ons
- Troubleshoot

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Clusters / mycluster-free

Preparing master, workers... Expires in 30 days Add tags

Overview

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DevOps New

Search

Worker pool	Zone	Private IP	Public IP	Version
visioning	default	Milan 01		--> 1.24.7_1543

0-myclusterfr-default-000000e8

Flavor Private VLAN Public VLAN

Free - 2 vCPUs 4GB RAM 2218181 2218179

1-1 of 1 item

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IBM Cloud

Clusters / mycluster-free

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Zones	Status	Workers per zone	Actual / Declared workers	Flavor
Milan 01	Active	1	1 / 1	Free - 2 vCPUS 4GB RAM

1-1 of 1 item

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home.html - Application for Nutrition Assistant - main - Visual Studio Code

EXPLORER

- APPLICATION-FOR-NUTRI...
- static
- css
- image
- js
- script.js
- uploads
- templates
- home.html
- layout.html
- login.html
- profile.html
- register.html
- result.html
- uploads.html
- app.py
- DigiCertGlobalRootC...
- food.py
- ml\_model.py
- README.md
- tempCodeRunnerFile...

home.html

```
<h3>Eat wisely</h3>
</div>
<div class="icons">

<h3>24/7 Support</h3>
</div>
</div>
</div>
<section class="order" id="order">
<div class="heading">
<span>Contact Us</span>
<h3>Raise an issue or Share a review</h3>
</div>
<form action="https://formssubmit.co/23e908Sec8bb47b19455ec7d87239894" method="POST">
<div class="flex">
<div class="inputBox">
<span>your name</span>
<input type="text" placeholder="Enter name" name="name" id="name" />
</div>
</div>
</div>
<div class="flex">
```

PROBLEMS

OUTPUT

```
127.0.0.1 - - [08/Nov/2022 21:14:48] "GET /static/js/script.js HTTP/1.1" 304 -
127.0.0.1 - - [08/Nov/2022 21:14:53] "GET /static/css/main.css HTTP/1.1" 304 -
127.0.0.1 - - [08/Nov/2022 21:14:53] "GET /static/css/style.css.map HTTP/1.1" 404 -
* Detected change in 'c:\Users\nithi\Downloads\Application-for-Nutrition-Assistant-main\app.py', reloading
* Restarting with stat
* Debugger is active!
* Debugger PIN: 662-187-652
127.0.0.1 - - [08/Nov/2022 21:16:37] "GET / HTTP/1.1" 200 -
```

Ln 127, Col 29 Spaces: 2 UTF-8 LF HTML

26°C Partly cloudy

9:31 PM 08 Nov 22