

Deploy In Kubernetes Cluster

Team ID	PNT2022TMID32918
Project Name	Project – Skill/Job Recommender

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C:\Command Prompt>
api-resources Print the supported API resources on the server
api-versions Print the supported API versions on the server, in the form of "group/version"
config Modify kubeconfig files
plugin Provides utilities for interacting with plugins
version Print the client and server version information

Usage:
  kubect[ flags] [options]

Use "kubect[ <command> --help" for more information about a given command.
Use "kubect[ options" for a list of global command-line options (applies to all commands).

C:\Users\SUBASRI>ibmcloud plugin install kubernetes-service
Looking up 'kubernetes-service' from repository 'IBM Cloud'...
Plug-in 'container-service\kubernetes-service\ks' 1.0.459' found in repository 'IBM Cloud'
Plug-in 'container-service\kubernetes-service\ks' 1.0.459' was already installed. Do you want to re-install it or not? [y/N] > y
Attempting to download the binary file...
 26.86 MiB / 26.86 MiB [=====] 100.00% 21s
28168192 bytes downloaded
Installing binary...
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\SUBASRI\bluewin\plugins\container-service. Use 'ibmcloud plugin show container-service' to show its details.

C:\Users\SUBASRI>cd C:\job-portal-main
C:\job-portal-main>kubect[ apply -f deployment.yaml
deployment.apps/job-portal-main configured

C:\job-portal-main>kubect[ apply -f service.yaml
service/job-portal-main configured

C:\job-portal-main>kubect[ get pods
NAME                                READY    STATUS    RESTARTS   AGE
flask-node-deployment-7f5dc9d8cd-57vld 0/1      Evicted   0           5h57m
job-portal-main-668f8cc7c86-kj5vn      1/1      Terminating 0          167m
job-portal-main-677b754f79-jc8g2       1/1      Running    0           26s

C:\job-portal-main>kubect[ get service
NAME                                TYPE           CLUSTER-IP      EXTERNAL-IP      PORT(S)          AGE
flask-node-deployment               ClusterIP      10.103.200.80   <none>           5000/TCP         5h57m
job-portal-main                     ClusterIP      10.107.155.3    <localhost>      5000/TCP         5h15m
kubernetes                           ClusterIP      10.96.0.1       <none>           443/TCP          10h

C:\job-portal-main>

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About us

Mission

This is an edTech organization with a vision to bridge the gap between academia & industry. Our outcome-based experiential learning programs on emerging technologies (Internet of Things, Machine Learning, Data Science, Artificial Intelligence, Robotics) are building skilled entry - level engineers, for the corporate world.

Vision

Our main objective is to bridge the existing gaps between prevailing industry standards and what the academics offer to the graduates while passing out of university. This offers suitable skill deployment and training to the young talent before on boarding their first job. Our skill development programs are designed considering the present expectations in the industry.

Objective

Well directed career guidance programs for educational institutions
Appropriate certification courses that suit the industry need
Train the trainers; expanded awareness about the current industry standards
Liaise with corporates to offer niche internships
Establish technology development centers in colleges
Specialised incubation centers in collaboration with corporates.

