SETTING UP APPLICATION ENVIRONMENT

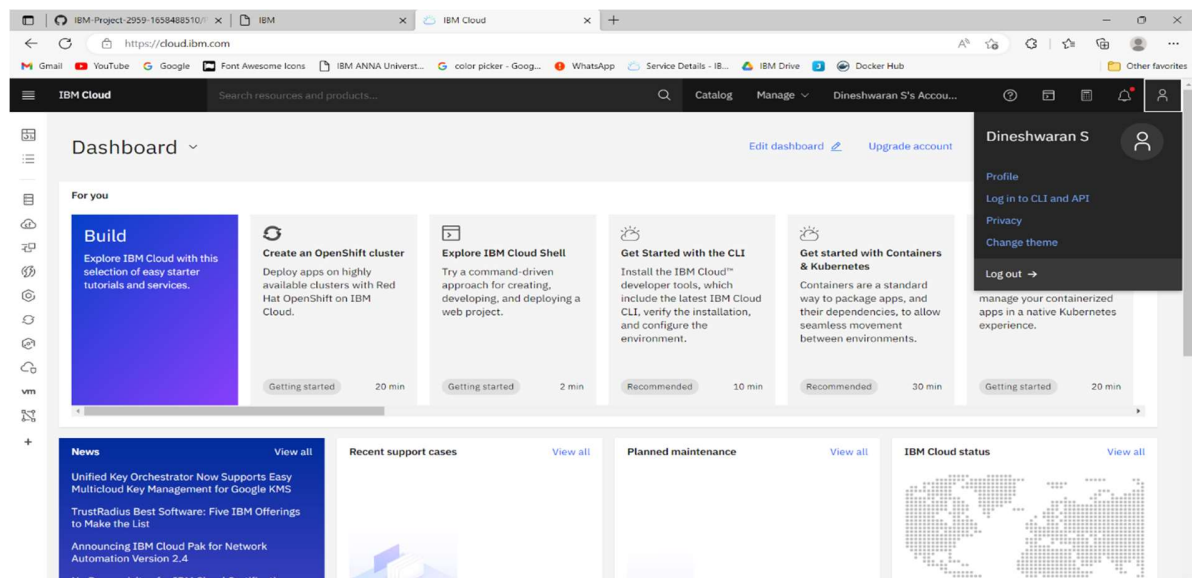| Date	12 November 2022
Team ID	PNT2022TMID13261
Project	Skill and Job Recommender

Screenshots:

CREATE FLASK PROJECT:
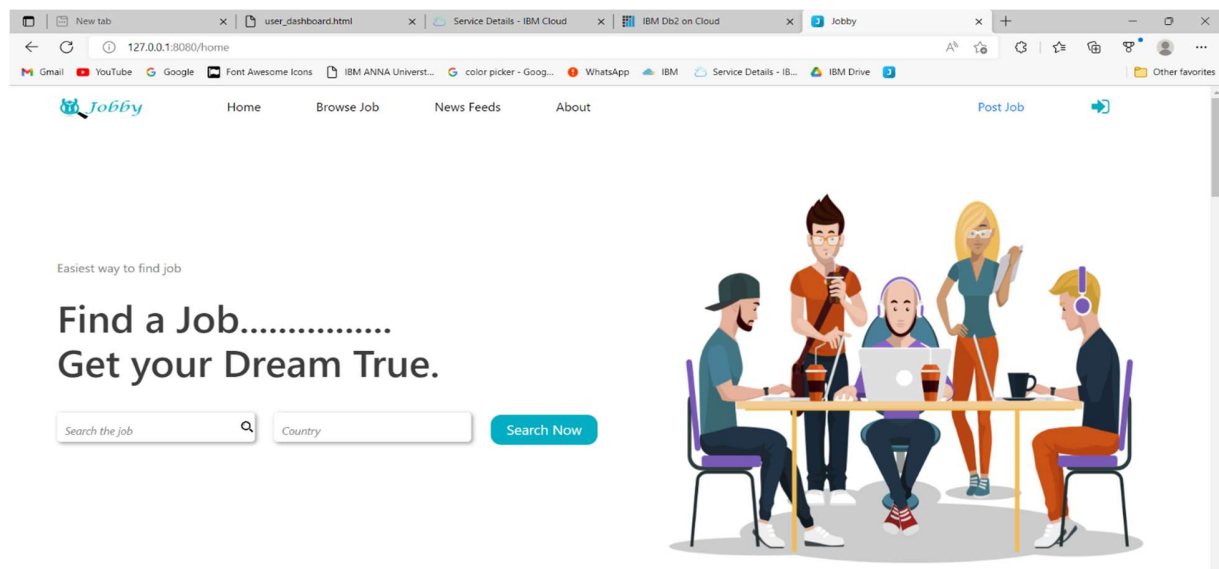
CREATE IBM CLOUD ACCOUNT:

INSTALL IBM CLOUD CLI:


```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\DINESHWARAN>ibmcloud --help
NAME:
  ibmcloud - A command line tool to interact with IBM Cloud
  Find more information at: https://ibm.biz/cli-docs

USAGE:
  [environment variables] ibmcloud [global options] command [arguments...] [command options]

VERSION:
  2.9.0+6abd6f8-2022-07-05T14:46:06+00:00

COMMANDS:
  account      Manage accounts, users, orgs and spaces
  api          Set or view target API endpoint
  app          [Deprecated] Manage Cloud Foundry applications and application related domains and routes.
  billing      Retrieve usage and billing information
  catalog      Manage catalog
  cf           Run Cloud Foundry CLI with IBM Cloud CLI context
  config       Write default values to the config
  cr           Manage IBM Cloud Container Registry content and configuration.
  dev          Create, develop, deploy, and monitor applications
  enterprise   Manage enterprise, account groups and accounts.
  iam          Manage identities and access to resources
  login        Log user in
  logout       Log user out
  plugin       Manage plug-ins and plug-in repositories
  regions      List all the regions
```

DOCKER CLI INSTALL:


```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\DINESHWARAN>docker -v
Docker version 20.10.20, build 9fdeb9c

C:\Users\DINESHWARAN>
```

FLASK MAIL INTEGRATION:
Code:

```python
from flask import Flask
from flask_mail import Mail, Message

app =Flask(__name__)
mail=Mail(app)

app.config['MAIL_SERVER']='smtp.gmail.com'
app.config['MAIL_PORT'] = 465
app.config['MAIL_USERNAME'] = 'spdineshwaran4@gmail.com'
app.config['MAIL_PASSWORD'] = '**************'
```

```python
app.config['MAIL_USE_TLS'] = False
app.config['MAIL_USE_SSL'] = True
mail = Mail(app)

@app.route("/")
def index():
    msg = Message('Jobby', sender = 'spdineshwaran4@gmail.com', recipients =
['spdineshwaran2@gmail.com'])
    msg.body = "My first mail message"
    mail.send(msg)
    return "Mail Sent please check"

if __name__ == '__main__':
    app.run(debug = True)
```

OUTPUT: