

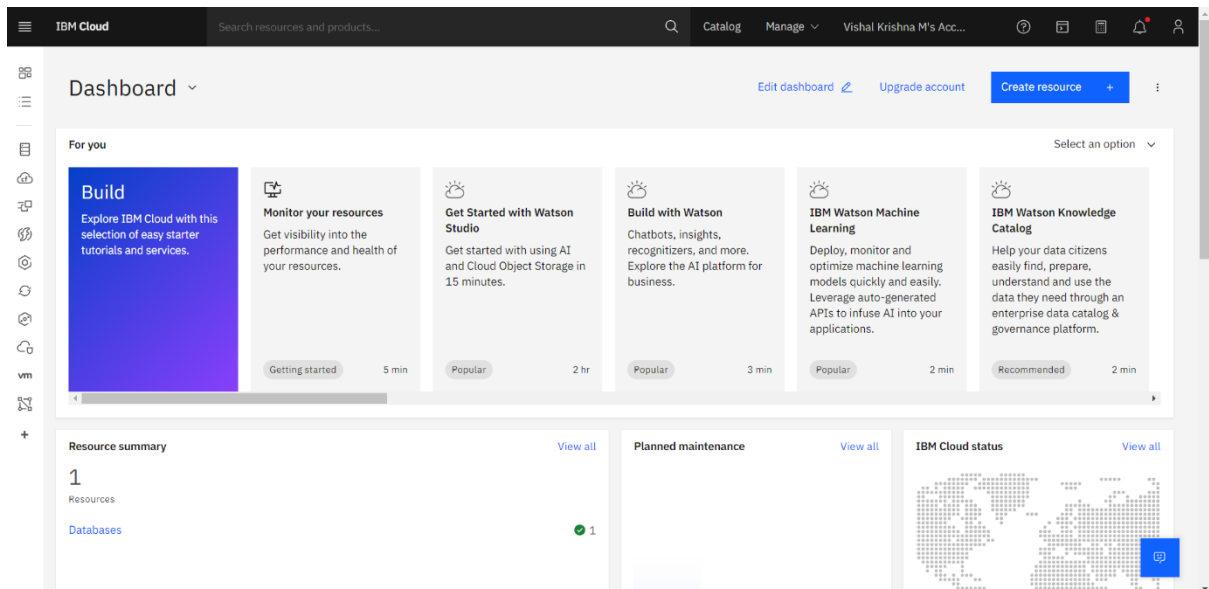
Task Report-Setting Up The Environment

Install and create flask application:

o/p:



Cloud account creation:



Cloud CLI:

```
update      Update CLI to the latest version
version     Print the version
help, h     Show help

Enter 'ibmcloud help [command]' for more information about a command.

ENVIRONMENT VARIABLES:
  IBMCLCLOUD_COLOR=false          Do not colorize output
  IBMCLCLOUD_VERSION_CHECK=false  Do not check latest version for update
  IBMCLCLOUD_HTTP_TIMEOUT=5       A time limit for HTTP requests
  IBMCLCLOUD_API_KEY=api_key_value API Key used for login
  IBMCLCLOUD_CR_VPC_URL=url_value The custom server URL to use when obtaining an instance identity token and IAM token as a VPC VSI compute resource. This value will replace the default server endpoint of the VPC VSI instance identity token service.
  IBMCLCLOUD_CR_TOKEN=cr_token_value Compute resource token used for login. Can either be a token string or a path to a @file.
  IBMCLCLOUD_CR_PROFILE=profile_value The name, ID, or CRN of the linked trusted IAM profile to be used when obtaining the IAM access token. If authenticating as a VPC VSI compute resource, only specifying a trusted profile CRN or ID is supported.
  IBMCLCLOUD_TRACE=true           Print API request diagnostics to stdout
  IBMCLCLOUD_TRACE_PATH=path/to/trace.log Append API request diagnostics to a log file
  IBMCLCLOUD_HOME=path/to/dir     Path to config directory

GLOBAL OPTIONS:
  --version, -v          Print the version
  --help, -h            Show help

C:\Users\vishal>ibmcloud login
API endpoint: https://cloud.ibm.com

Email> vishalkishoren1801@gmail.com

Password>
Authenticating...
*

Targeted account Vishal Krishna M's Account (19882bab311847c9919d3fe15e995364)

Select a region (or press enter to skip):
1. au-syd
2. in-che
3. jp-osa
4. jp-tok
5. kr-seo
6. eu-de
7. eu-gb
8. ca-tor
9. us-south
10. us-east
11. br-sao

Microsoft Windows [Version 10.0.22000.978]
(c) Microsoft Corporation. All rights reserved.

C:\Users\vishal>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]

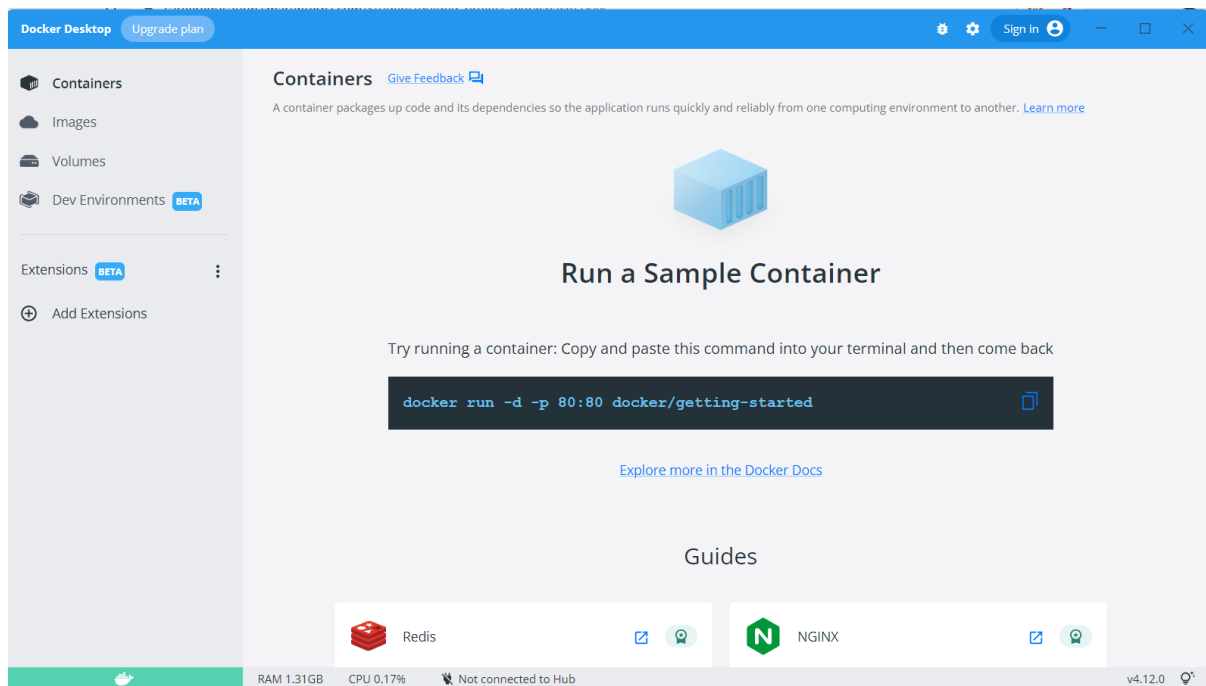
VERSION:
  2.10.0+e37e09e-2022-08-24T17:31:27+00:00

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
  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
  resource     Manage resource groups and resources
  service      [Deprecated] Manage Cloud Foundry services.
  sl           Manage Classic infrastructure services
  target       Set or view the targeted region, account, resource group, org or space
  update       Update CLI to the latest version
  version      Print the version
  help, h     Show help

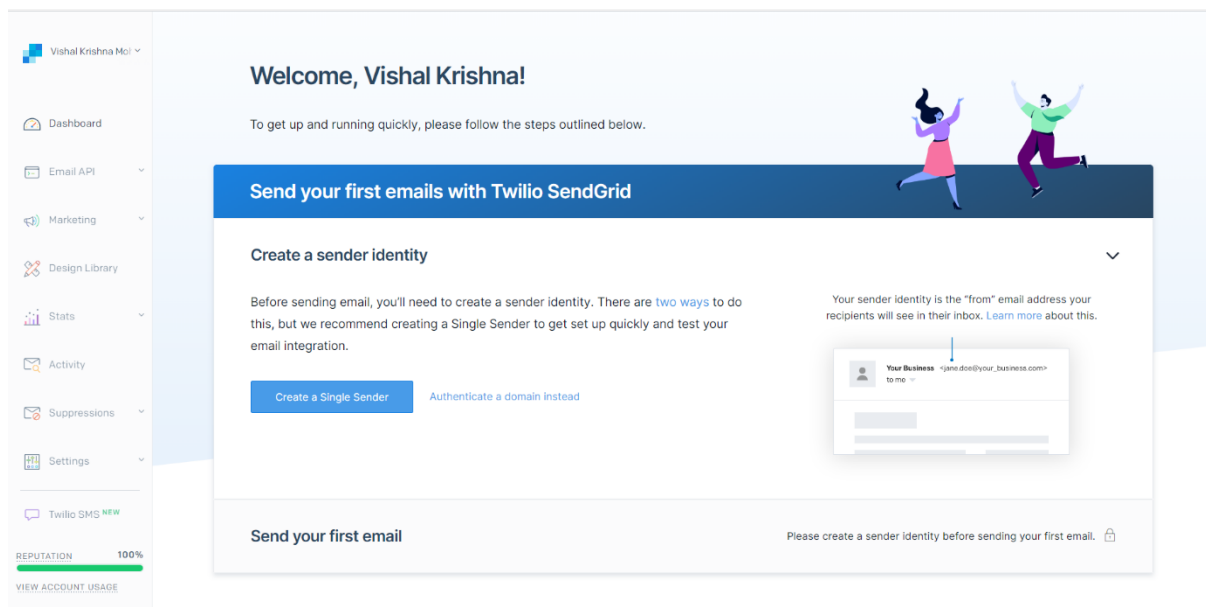
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```

Docker Installation:



Account creation in sendgrid:



The Required environment has been set up

Thank you.