Minikube Installation

* First, open Windows PowerShell in Run as Administrator.  
  Then paste minikube start in PowerShell.  
  The minikube start, starts your cluster
* Text

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* Text

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* Diagram

  Description automatically generated with medium confidence
* kubectl means minikube control. The command  
  **kubectl get po –A** means get all pods that are with master

Text

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* create a sample deployment and expose it on port

8080: type command

* kubectl create deployment hello-minikube --image=k8s.gcr.io/echoserver:1.4
* Text

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* **Step2 -> to expose deployed** application type
* kubectl expose deployment hello-minikube --type=NodePort --port=8080

Text

Description automatically generated

* Your deployment will soon show up when you run:   
  kubectl get services hello-minikube

Text

Description automatically generated

* **use kubectl to forward to the port:7080**

Text

Description automatically generated

* Now type in URL **localhost:7080**

A screenshot of a computer

Description automatically generated with low confidence

* **Open a terminal in VS code and run the below commands after command cd demo**
* Press Edit Profile, write your name , email, and close. Once again type **localhost:7090** to get the image below with the your name

**Name : Sanjuth Reddy**

**Email : sanjuthreddy2003@gmail.com**



A picture containing text, tree

Description automatically generated