```
                                        kubernetes
    etcd                                                                  cni

                                              docker container/
                                              containerd            worker node

                         master node                                                    kubeproxy

    controller manager
                                                api rest
                          scheduler             communicates
                                                                         kubelet


                                                                           give user the way
                                                                          to access the services
                        Kubernetes
  Usually contain one   native components
  container for an
  application

                                                                                            ingress
                       pods
                                              namespaces


                                                                           services
                                  secrets                        nodes

  Consist of one
  or more container                configmaps

                       store credential like
                       username and                      Master node         Worker Node
```

password

storing non-
confidential data

Master node

Worker Node

deployed over pods which
have similar functions