Control Plane — coordinates worker nodes

   — API server

   — etcd

  — scheduler

  — controller manager

Worker Nodes — where your application runs

     — kube proxy

   — kubelet

  — controller runtime

*can have multiple control planes for redundancy

etcd - stores K8s metadata

Scheduler - tells worker nodes to create
pods

Controller manager - controls replication
objects

API - used to communicate between
K8s processes

Kubelet - controls worker node

Kube-proxy - manages service to pod connections