Kubernetes:

A diagram of a server

Description automatically generated

Developer -> API Server -> Verify -> Scheduler -> Kubelet -> Container Runtime

When we make a request to deploy, It goes to APi server, It verifies the request and then send the request to scheduler, who will check resource availalibity and assign a node to pod.

A kubelet listens if there is any new pod assigned to it’s node, if there is, It will ask the container runtime like docker or containerd or CRI-O