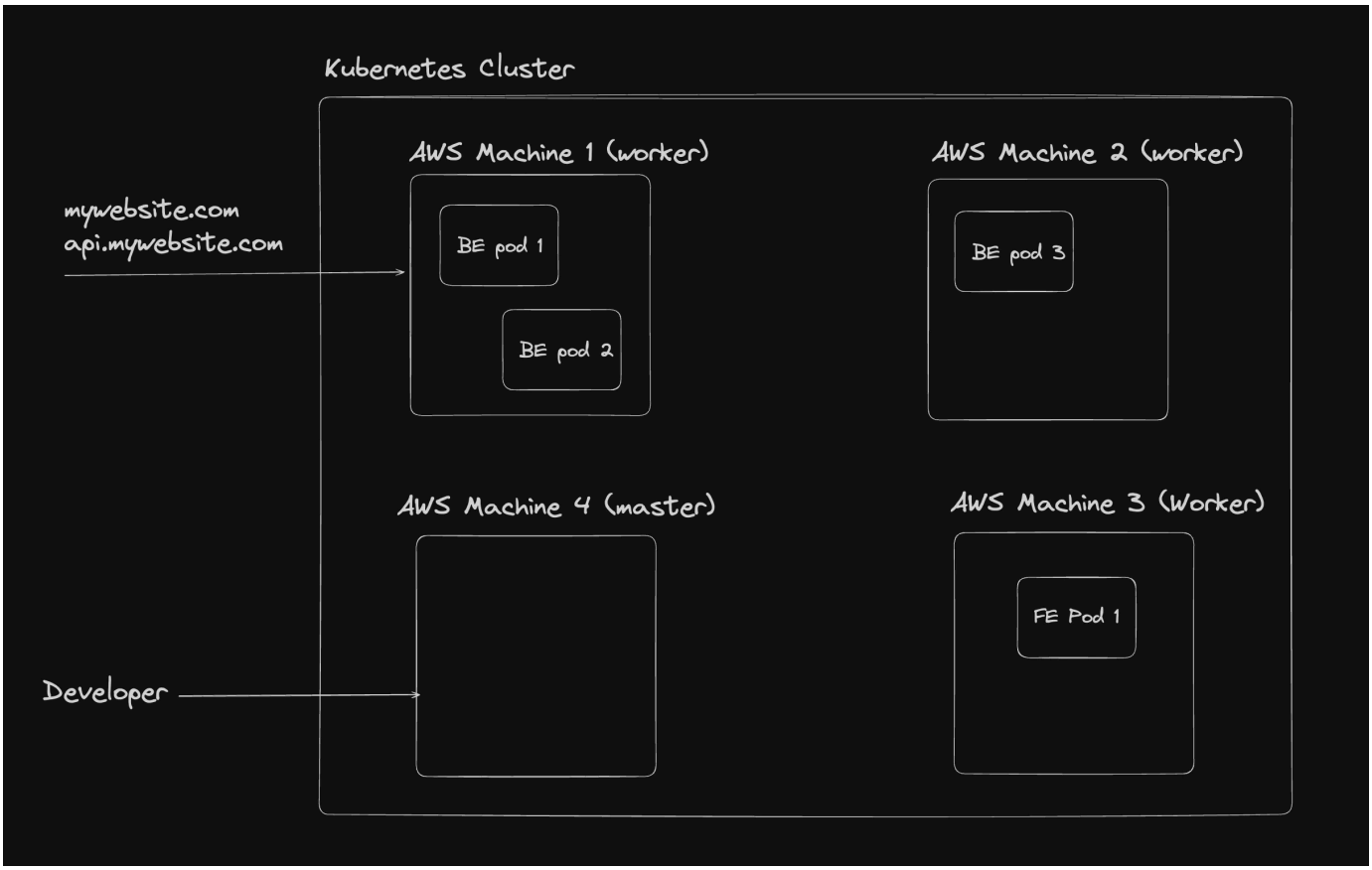
After kubernetes

Your frontend, backend are all pods in your kubernetes cluster



Jargon

Ref - https://kubernetes.io/docs/concepts/overview/components/

Nodes

In kubernetes, you can create and connect various machines together, all of which are running kubernetes . Every machine here is known as a node

There are two types of nodes

- Master Node (Control pane) - The node that takes care of deploying the c e developer to understand what to deploy

▶ Worker Nodes - The nodes that actually run your Backend/frontend

Cluster

A bunch of worker nodes + master nodes make up your kubernetes cluster . You can always add more / remove nodes from a cluster.

Images

A **Docker image** is a lightweight, standalone, and executable software package that includes everything needed to run a piece of software, including the code, runtime, libraries, environment variables, and configuration files. Images are built from a set of instructions defined in a file called a Dockerfile.

Eg - https://hub.docker.com/_/mongo

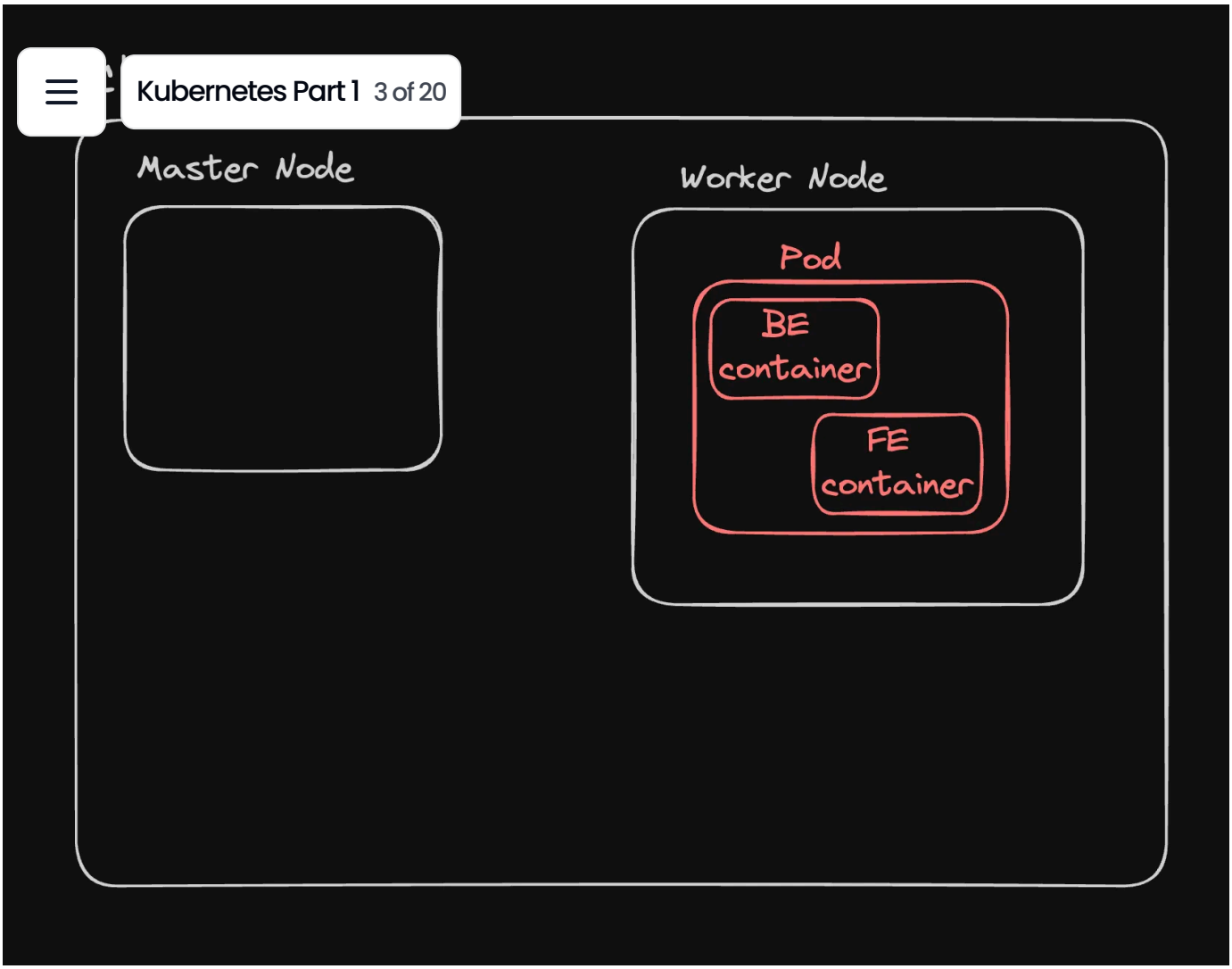
Containers

A container is an image in execution. For example if you run

```
docker run -p 5432:5432 -e POSTGRES_PASSWORD=mysecretpassword -d po
```

Pods

A pod is the smallest and simplest unit in the Kubernetes object model that you can create or deploy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Master Node
Worker Node
Pod
BE container
FE container