

Running minikube

```
C:\kyoskIntervProj\book-list-app>minikube start
🐳 minikube v1.34.0 on Microsoft Windows 11 Pro 10.0.22631.4602 Build 22631.4602
🔖 Automatically selected the docker driver
🚀 Using Docker Desktop driver with root privileges
👉 Starting "minikube" primary control-plane node in "minikube" cluster
📡 Pulling base image v0.0.45 ...
📦 Downloading Kubernetes v1.31.0 preload ...
> preloaded-images-k8s-v18-v1...: 326.69 MiB / 326.69 MiB 100.00% 1.42 Mi
> gcr.io/k8s-minikube/kicbase...: 487.90 MiB / 487.90 MiB 100.00% 892.93
🔥 Creating docker container (CPUs=2, Memory=7900MB) ...
❗ Failing to connect to https://registry.k8s.io/ from inside the minikube container
💡 To pull new external images, you may need to configure a proxy: https://minikube.sigs.k8s.io/docs/networking/proxy/
🌐 Preparing Kubernetes v1.31.0 on Docker 27.2.0 ...
  ▪ Generating certificates and keys ...
  ▪ Booting up control plane ...
  ▪ Configuring RBAC rules ...
🔗 Configuring bridge CNI (Container Networking Interface) ...
🔍 Verifying Kubernetes components...
  ▪ Using image gcr.io/k8s-minikube/storage-provisioner:v5
🌟 Enabled addons: storage-provisioner, default-storageclass
🎉 Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
```

Container Published in My Docker Hub

The screenshot shows the Docker Hub interface for a repository named 'geektums/book-list-app'. The repository is public and contains an image. It was last pushed 10 minutes ago. The interface includes a search bar, a 'Create a repository' button, and a table listing the repository details.

Name	Last Pushed	Contains	Visibility
geektums/book-list-app	10 minutes ago	IMAGE	Public

Pulling Docker Image from my docker hub ,running the service,retrieving the url

```
C:\TestResults\kyosk-front-end>docker --version
Docker version 27.4.0, build bde2b89

C:\TestResults\kyosk-front-end>docker build -t book-list-app .
[+] Building 338.5s (11/11) FINISHED                                docker:desktop-linux
=> [internal] load build definition from Dockerfile                0.1s
=> => transferring dockerfile: 618B                                0.0s
=> [internal] load metadata for docker.io/library/node:18-alpine   2.0s
=> [auth] library/node:pull token for registry-1.docker.io         0.0s
=> [internal] load .dockerignore                                    0.1s
=> => transferring context: 2B                                       0.0s
=> [1/5] FROM docker.io/library/node:18-alpine@sha256:a24108da7089c2d293ceaa61fb8969ec10821e8efe25572e 0.1s
=> => resolve docker.io/library/node:18-alpine@sha256:a24108da7089c2d293ceaa61fb8969ec10821e8efe25572e 0.1s
=> [internal] load build context                                    157.3s
=> => transferring context: 453.58MB                                  157.2s
=> CACHED [2/5] WORKDIR /app                                         0.0s
=> [3/5] COPY package*.json ./                                       0.3s
=> [4/5] RUN npm install                                             101.2s
=> [5/5] COPY . .                                                    6.6s
=> exporting to image                                               70.6s
=> => exporting layers                                              46.3s
=> => exporting manifest sha256:69d8a1b51b710870a8d0cdd391348bebf60a22f8059a6c060048cd47d7274c7e 0.0s
=> => exporting config sha256:41bf406f543001011ee906f164920572d7ba40033ac677026bd11d1576616688 0.0s
=> => exporting attestation manifest sha256:2a015be4a852bcc36b6e50099dc93edde4aee913116022f10b98b4d9d4 0.1s
=> => exporting manifest list sha256:27c4cb0eacc0d16bcd71ba94f784e189166dc5695deb2791cb896c3897dd19ea 0.0s
=> => naming to docker.io/library/book-list-app:latest              0.0s
=> => unpacking to docker.io/library/book-list-app:latest           24.1s
```

```
C:\TestResults\kyosk-front-end>docker run -p 3000:3000 book-list-app

> book-list-app@0.1.0 dev
> next dev

  ▲ Next.js 15.1.4
  - Local:      http://localhost:3000
  - Network:    http://172.17.0.2:3000
```

MiniKube

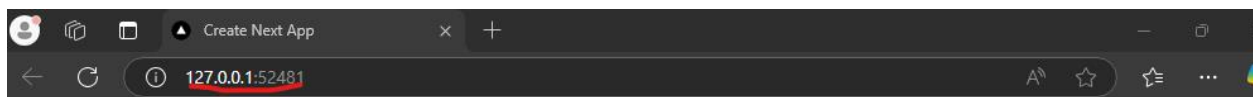
```
C:\TestResults\kyosk-front-end>minikube start
* minikube v1.34.0 on Microsoft Windows 11 Pro 10.0.22631.4602 Build 22631.4602
* Using the docker driver based on existing profile
* Starting "minikube" primary control-plane node in "minikube" cluster
* Pulling base image v0.0.45 ...
* Restarting existing docker container for "minikube" ...
! Failing to connect to https://registry.k8s.io/ from inside the minikube container
* To pull new external images, you may need to configure a proxy: https://minikube.sigs.k8s.io/docs/networking/proxy/
* Preparing Kubernetes v1.31.0 on Docker 27.2.0 ...
* Verifying Kubernetes components...
  - Using image gcr.io/k8s-minikube/storage-provisioner:v5
* Enabled addons: default-storageclass, storage-provisioner
* Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
```

```
C:\TestResults\kyosk-front-end> kubectl apply -f k8s/deployment.yaml
deployment.apps/book-list-app unchanged
```

```
C:\TestResults\kyosk-front-end>kubectl apply -f service.yaml
error: the path "service.yaml" does not exist
```

```
C:\TestResults\kyosk-front-end>kubectl apply -f k8s/service.yaml
service/book-list-app-service unchanged
```

```
C:\TestResults\kyosk-front-end>minikube service book-list-app-service --url
http://127.0.0.1:52481
! Because you are using a Docker driver on windows, the terminal needs to be open to run it.
```



Good Reads

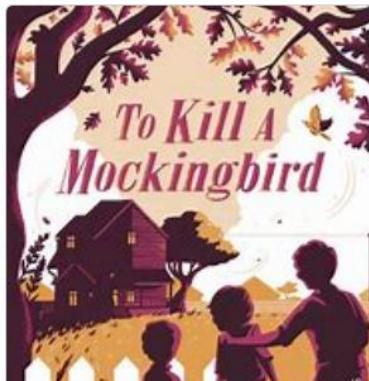


1984

Author: George Orwell

Year: 1949

[View Details](#)

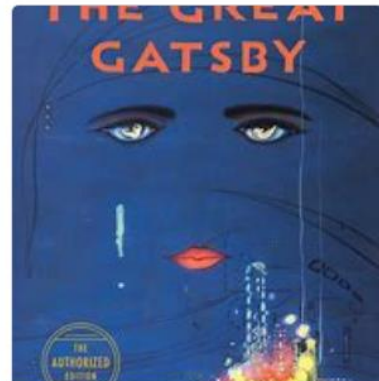


To Kill a Mockingbird

Author: Harper Lee

Year: 1960

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The Great Gatsby

Author: F. Scott Fitzgerald

Year: 1925

[View Details](#)