

Checkpoint

- [x] Container
- [x] Image
- [x] Dockerfile
- [x] Registry
- [x] Auto build with Github (Bonus!)

Checkpoint

- ☐ Basic docker volume
- ☐ Docker multistage build
- ☐ Real-world example project
- ☐ Deploy container to Heroku (Bonus!)

Lab 9. Create upload script image

```
docker build -t app-php:0.1 .
```

Volume mount

```
docker run -d -p 80:80 app-php:0.1
```

```
docker run -P app-php:0.1
```

```
docker volume ls
```

```
docker volume inspect {{volumeId}}
```

Bind mount

```
docker run -d -p 80:80 -v $(pwd)/files:/var/www/html/files app-php:0.1
```

- -v is a volume mounting **HOST DIRECTORY** : **CONTAINER DIRECTORY** .

Lab 10. Golang api

```
docker build ???
```

```
docker run ???
```

```
docker images
```

Let's build multistage

```
docker build -f Dockerfile.multi -t app-go:0.2 .
```



Image



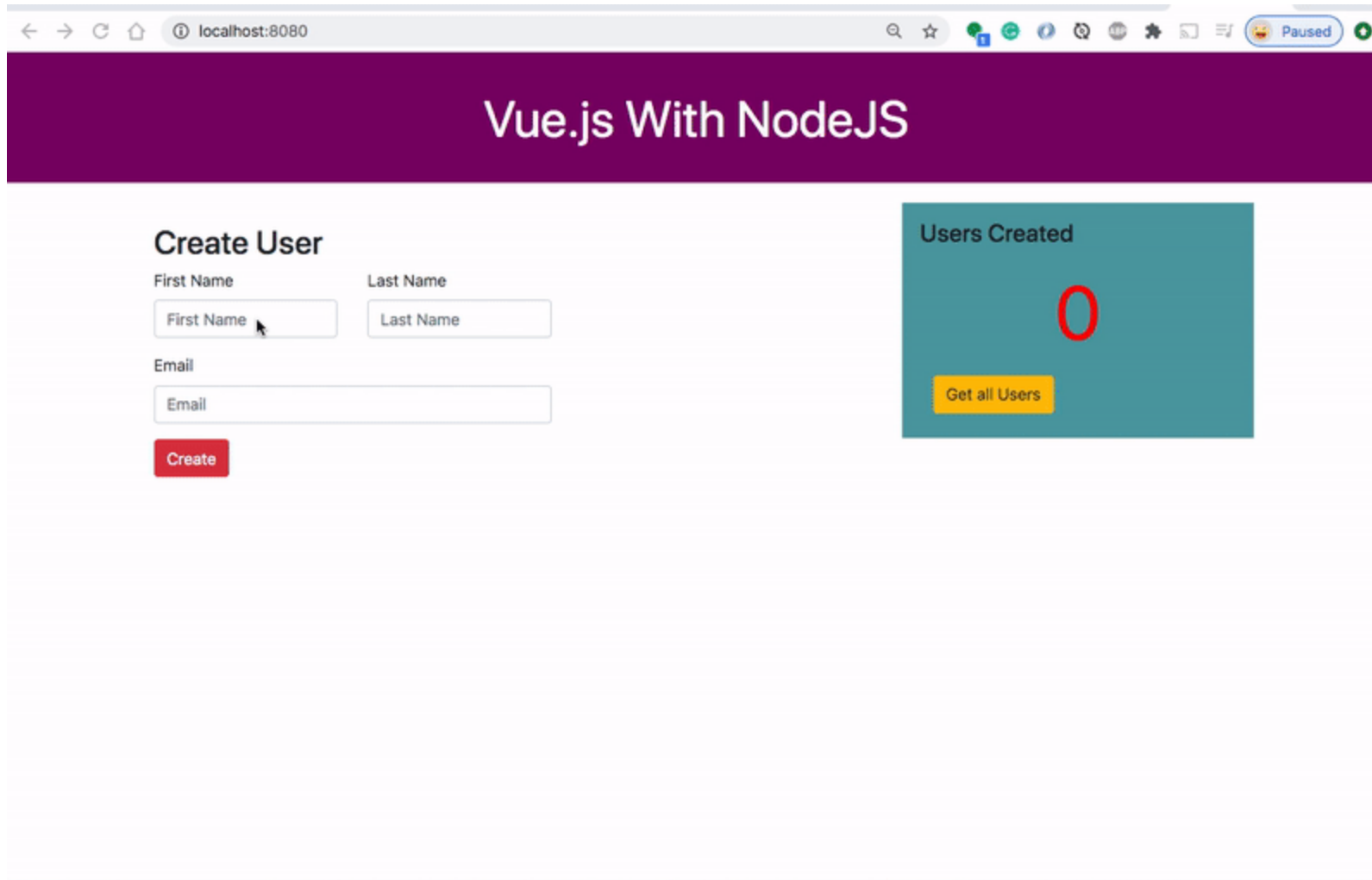




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Real-world example project



:Ref

Github

```
git clone https://github.com/nitipatl/vuejs-nodejs-example.git
```

```
docker build -t vue-node-image:0.1 .
```

```
docker run -it -p 3080:3080 --name vue-node-ui vue-node-image:0.1
```


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Deploy container to Heroku (Bonus!)

```
heroku login
```

```
heroku container:login
```

```
heroku create
```

Push image to Heroku

```
heroku container:push web --app warm-dusk-59086
```

Release app / run container

```
heroku container:release web --app warm-dusk-59086
```

```
heroku open --app warm-dusk-59086
```

```
heroku logs --tail --app warm-dusk-59086
```

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- [] [Auto deploy with Github \(Bonus!\)](#)

12 Factors app

[Link](#)

