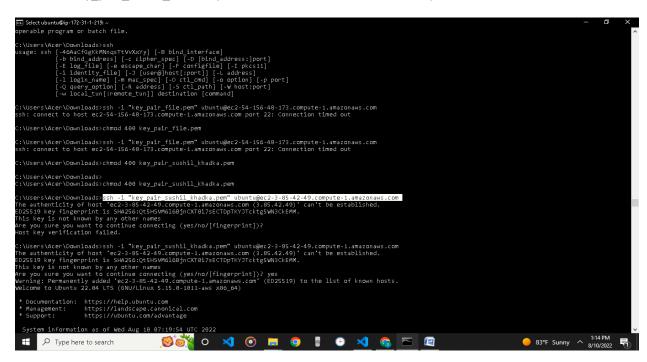
First setup EC2 instance through GUI of AWS website. Then, run following commands.

Commands to connect to sushil\_devops ec2 instance with ssh are:

- a. chmod 400 key pair sushil khadka.pem
- b. ssh -i "key\_pair\_sushil\_khadka.pem" <u>ubuntu@ec2-3-85-42-49.compute-1.amazonaws.com</u>

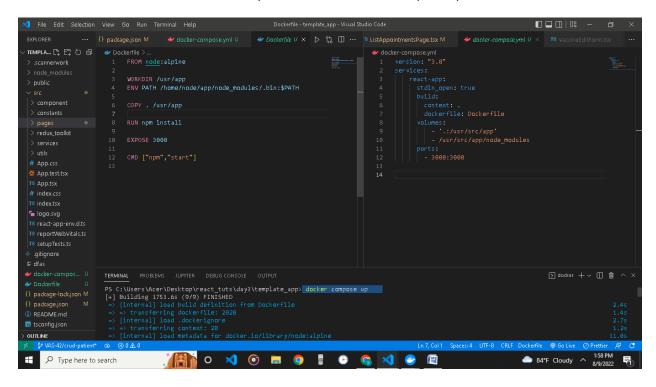


To install apache, run following command:

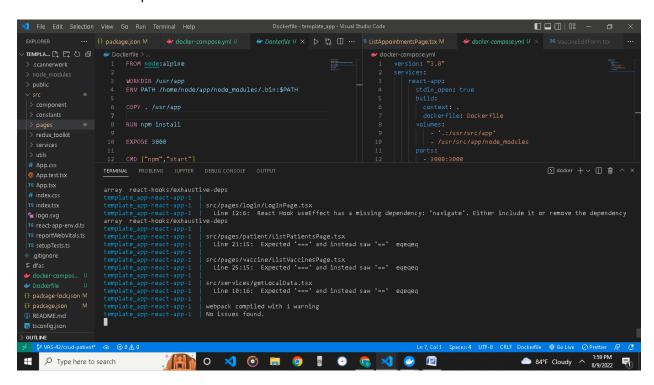
a. sudo apt install apache2

```
Explain the content of the content o
```

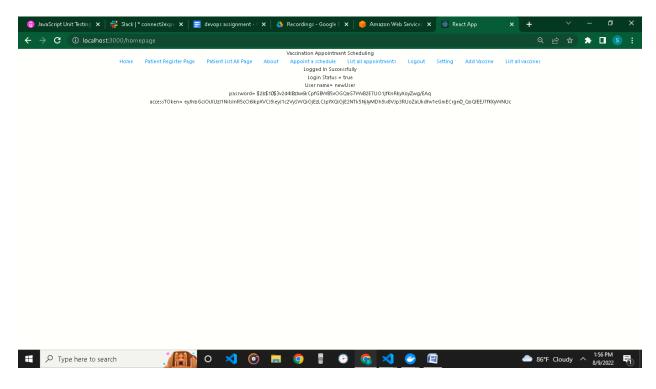
a. Screenshot of Docker and Docker compose file with "docker compose up" command



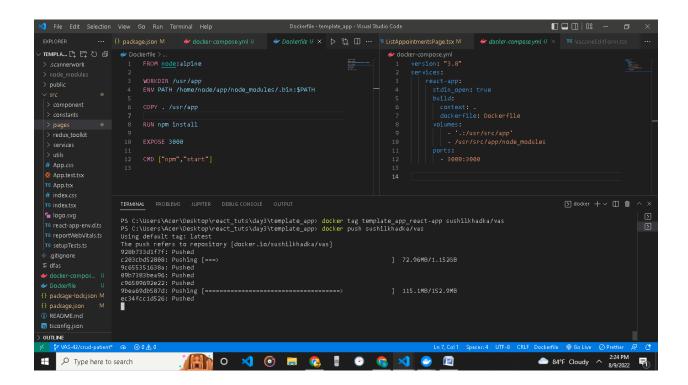
b. Screenshot of compilation success:

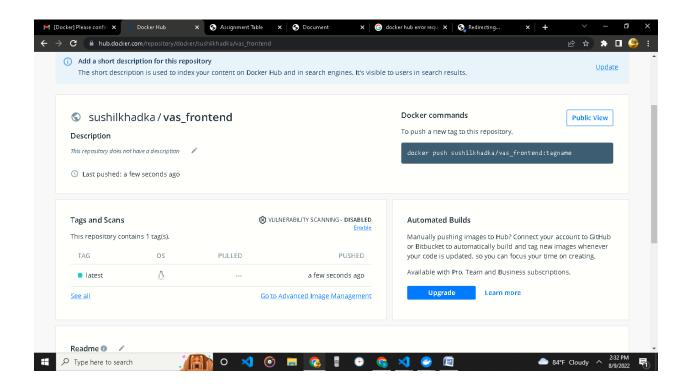


c. Screenshot of hosted react app:



d. Screenshot of Pushing to docker hub and image in dockerhub:

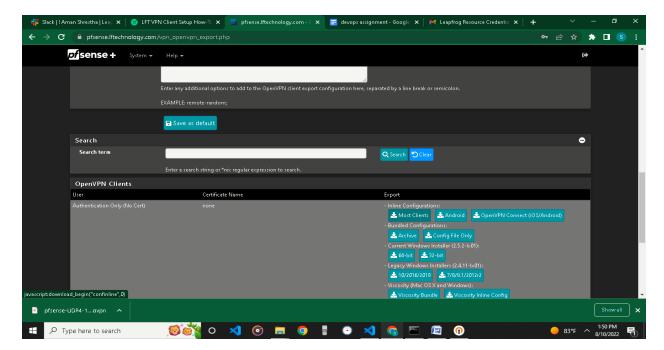




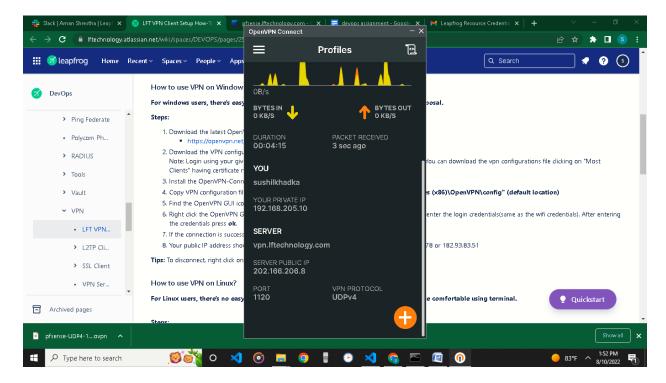
e. Link to docker hub repo = <a href="https://hub.docker.com/repository/docker/sushilkhadka/vas">https://hub.docker.com/repository/docker/sushilkhadka/vas</a> frontend

## 3=>

a. Screenshot of downloading config file from pfsense website for OpenVpn:



## b. Screenshot of OpenVPN running and changed IP address:



## 4=>

Http Status Code	Meaning		
200	Ok		
201	Created		
202	Accepted		
203	Non-Authoritative Information		
204	No Content		
400	Bad Request		
401	Unauthorized		
402	Payment Required		
403	Forbidden		
404	Not Found		
408	Request Timeout		

## 5=>

Subnet mask for 150.10.20.30 = 255.255.0.0 as it is class B IP address.

Network id for 150.10.20.30 = 150.10.0.0/16

Broadcast id for 150.10.20.30 = 150.10.255.255