horizontal line

React Js Training

**Development Setup**

# OVERVIEW

Dev environment setup before we start implement React Js applications.

# GOALS

1. Choose your own editor, (Sublime, Eclipse … )
2. Create GitHub account, git source control
3. Create starter React app
4. Build and deploy app to your own public site

# Readings and Learning

## Github

<https://github.com/>

## Github Source Control

<https://desktop.github.com/> or your own choice

## NPM, NodeJs, Yarn

<https://nodejs.org/en/>

<https://yarnpkg.com/en/>

<https://docs.npmjs.com/>

## React App Skeleton

<https://reactjs.org/>

<https://github.com/facebook/create-react-app>

## Deploy and Public Site

<https://www.npmjs.com/package/gh-pages>

[How to use gh-pages script](https://medium.com/the-andela-way/how-to-deploy-your-react-application-to-github-pages-in-less-than-5-minutes-8c5f665a2d2a)

# Instructions

## gh-pages

|  |
| --- |
| --- terminal ---  // install gh-pages  yarn add gh-pages |

|  |
| --- |
| --- package.json ---  "scripts": {  ….  "deploy": "gh-pages -d build"  } |

|  |
| --- |
| --- terminal ---  // build your app and deploy to gh-pages  yarn build  yarn deploy |

## Mock API Server and response

you can use <https://www.mocky.io/> to help you setup mock server. You can set up any data response you like there and it will generate a URL for you to get your data.

Here is an example:

Set: {"s": "234"} into your response body, it will generate url: <http://www.mocky.io/v2/5cfc4b5c3000006f240a8c7d>,

and then do

fetch('<http://www.mocky.io/v2/5cfc4b5c3000006f240a8c7d').then(function(response)> {

return response.json();

})

.then(function(myJson) {

console.log(JSON.stringify(myJson));

});

You should be able to get your data, keep in mind, always have error handling as backup solution, in the error handling you can setup your own local data in case that happens.

.catch(function(){

setUp your own data in case the real server is down

})

# Assignments

1. Provide your github url
2. Create starter React page
3. Be able to start, build and deploy your app
4. Provide your react app website url
5. Fetch data from mock api server and test