


# Rachmat Gunawan

Frontend Engineer


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# Membangun Landing Page - Company Profile

Dengan React Js



# Membuat Landing Page - Company Profile



# PERKENALAN - TEKNOLOGI YANG DIGUNAKAN

# Tools



Visual Studio Code

# Teknologi yang akan digunakan

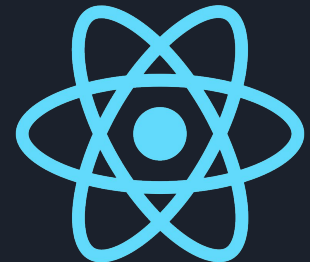
HTML



JS



CSS



# Web Browser



Download

<https://www.google.com/chrome/>

# Text Editor



Download

<https://code.visualstudio.com/>



# HTML

HTML is a Markup Language for creating Web pages.

## HTML



<https://www.w3schools.com/>

# Example

```
<!DOCTYPE html>  
<html>  
<head>  
<title>Page Title</title>  
</head>  
<body>
```

```
<h1>My First Heading</h1>  
<p>My first paragraph.</p>
```

```
</body>  
</html>
```

**HTML**



# CSS

Cascading Style Sheets (CSS) is a simple mechanism for adding style (e.g., fonts, colors, spacing) to Web documents.



<https://www.w3.org/>

# Example

HTML :

```
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>
</head>
<body>

<h1>My First Heading</h1>
<p>My first paragraph.</p>

</body>
</html>
```

CSS :

```
body {
  background-color: lightblue;
}

h1 {
  color: white;
  text-align: center;
}

p {
  font-family: verdana;
  font-size: 20px;
}
```



<https://www.w3.org/>

# Javascript

JavaScript was initially created to “make web pages alive”.



<https://javascript.info/>

# Example

```
document.getElementById("demo").innerHTML = "Hello JavaScript";
```

```
<!DOCTYPE html>  
<html>  
<body>
```

```
<h2>What Can JavaScript Do?</h2>
```

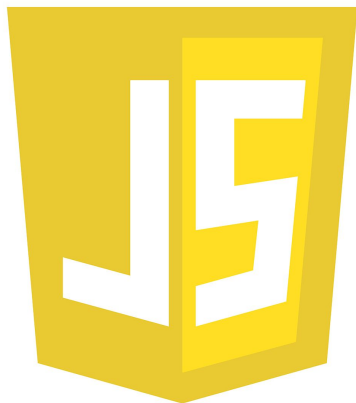
```
<p id="demo">JavaScript can change HTML content.</p>
```

```
<button type="button"  
  onclick='document.getElementById("demo").innerHTML =  
  "Hello JavaScript!'">Click Me!</button>
```

```
</body>  
</html>
```

<https://javascript.info/>

JS



# NodeJs

Node.js® is a  
JavaScript runtime  
built on Chrome's V8  
JavaScript engine.



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



npm

NPM is a package manager for Node.js packages, or modules if you like.

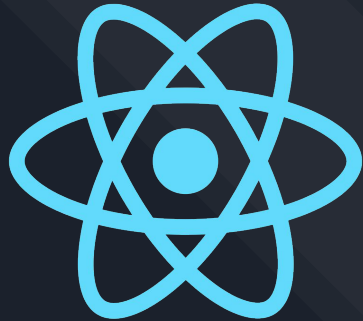


<https://www.w3schools.com/>



# Reactjs

Reactjs is a  
Javascript library for  
building user  
interfaces



**facebook**®

Source : <https://reactjs.org>

The background is a dark navy blue. On the left side, there are two overlapping geometric shapes: a blue parallelogram and a light green parallelogram, both tilted at an angle. The word "INSTALASI" is written in white, uppercase, sans-serif font, centered horizontally in the middle of the image.

INSTALASI

# Install Node

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



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

# Install React

## 3 Cara

1. Membuat manual.  
Install package.json

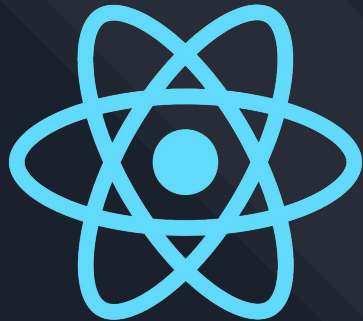
```
npm init
```

2. Menggunakan  
`npx create-react-app nama-project`

3. Menggunakan Next Js

```
npm init
```

```
npm install next react react-dom --save
```

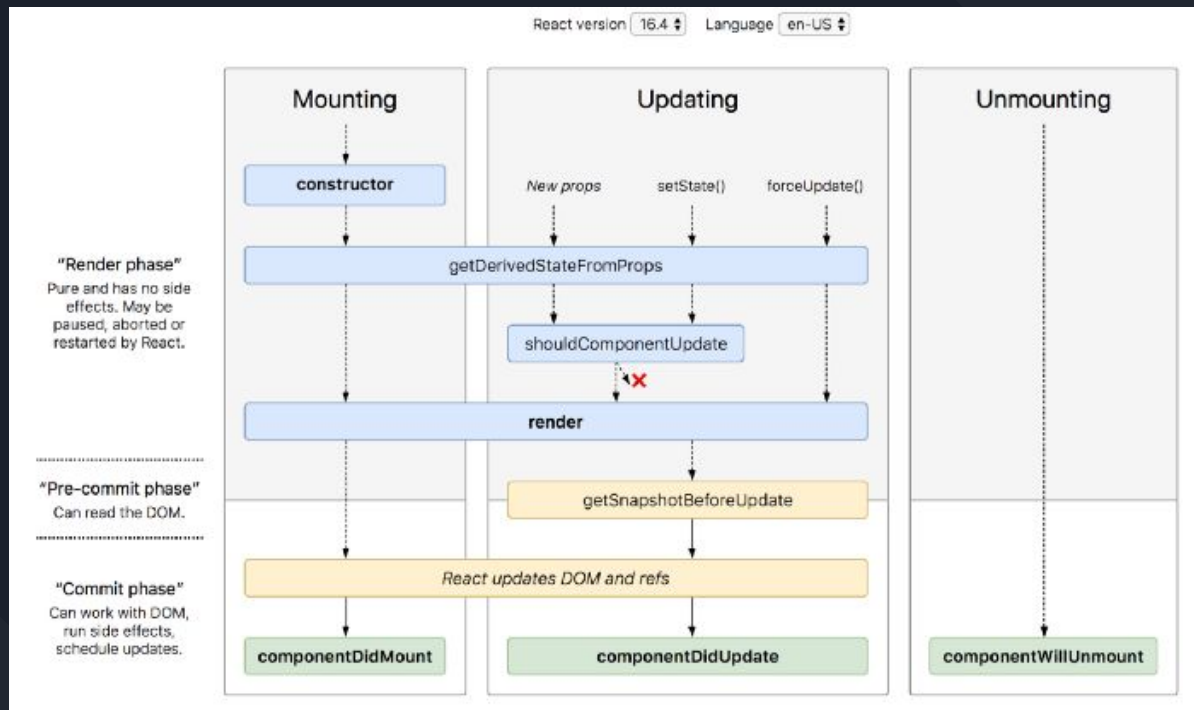


Source : <https://nodejs.org/en/download/>

A decorative graphic in the top-left corner consisting of two overlapping parallelograms. The front one is blue and the back one is light green. Both are tilted at a 45-degree angle.

# Setup Project

# Life Cycle



Source : <https://reactjs.org>

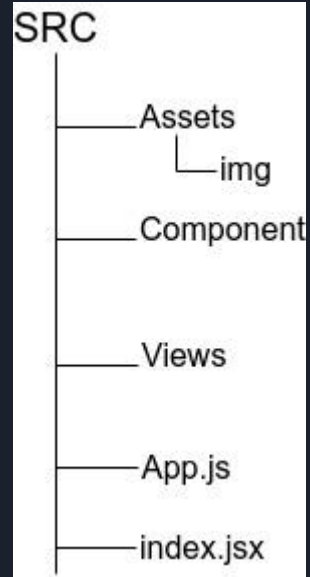
Life Cycle - Component

A decorative graphic on the left side of the slide. It consists of a blue parallelogram and a light green parallelogram, both tilted at an angle, overlapping each other.

# Class Component Vs Hooks

Source : <https://reactjs.org>

# Struktur Project



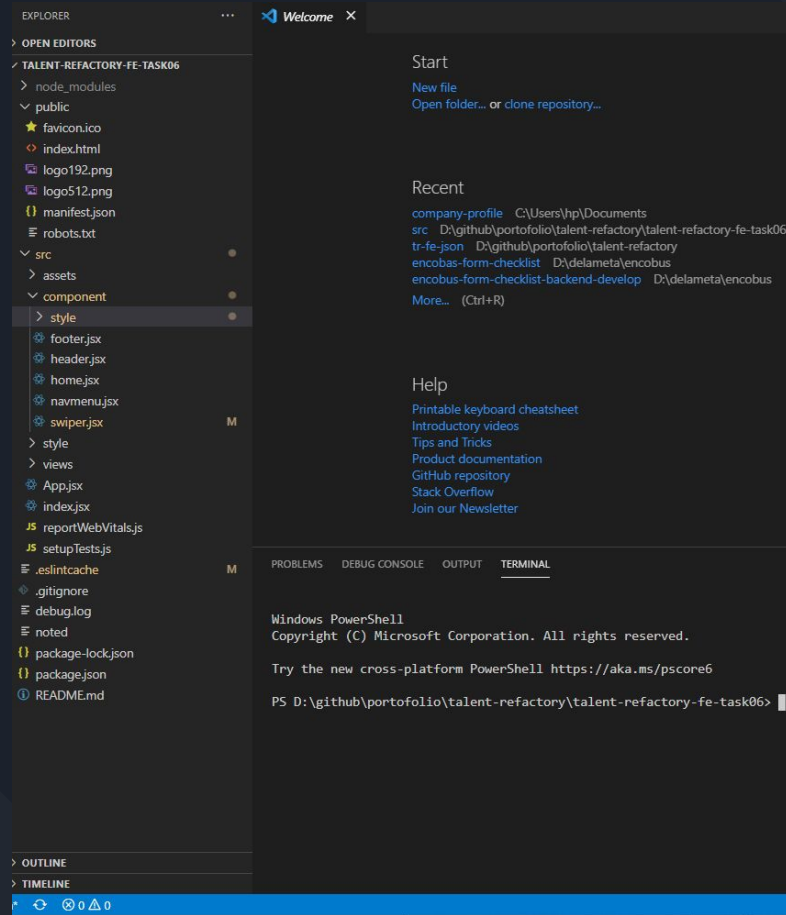


# Package Manager



1. Bootstrap, reactstrap, font awesome
2. Axios
3. Swiper.js
4. React Router Dom

# React



Source : <https://reactjs.org>

## JSX

JSX atau bisa kita bilang extended javascript adalah suatu pengembangan javascript dimana kode HTML bisa di ikut sertakan dalam javascript.

Hal pertama yang perlu diperhatikan ketika menggunakan sintaks JSX adalah bahwa React harus dalam ruang lingkupnya berdasarkan cara kompilasi JSX. Misalnya :

```
function Hello() { return <h1>Hallo Dunia!</h1>}
```

Di belakang layar, setiap elemen yang dirender oleh komponen Hallo diubah menjadi perintah `React.createElement`.



# Hands On

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



SELESAI

- Terima Kasih -