



**Prifysgol Cymru**

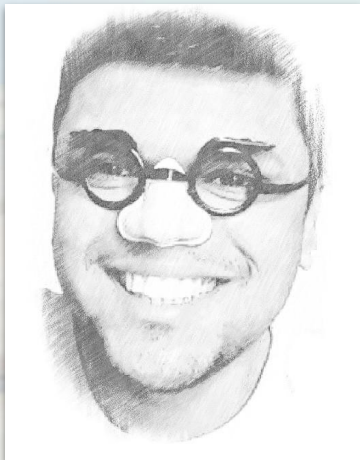
Y Drindod Dewi Sant

**University of Wales**

Trinity Saint David

## **Web development Workshop**

June-July 2022, London, UK



# Hello!

I'm Raj 😊

I ❤️ to design & develop modern software 🐳

# About me

Rajkumar Sakthivel (Raj)

Senior Developer @ TotalMobile

Ex.Senior Developer @ Tesco Technology

Founder & Developer @ tessellit\_uk

From University of Oxford\* & University of Leicester

@rajkumarsakthi

The background of the image shows two small, weathered wooden boats with blue upper hulls and red lower hulls, resting on a sandy beach. The boat in the foreground is more prominent, showing signs of wear and peeling paint. In the background, a simple wooden building is visible on the shore under a clear blue sky. The text "Success begins with Skills!" is overlaid in a large, blue, sans-serif font, centered horizontally and vertically.

Success begins with  
Skills!

# Recap Git & Github

## Introduction

- \*Angular

- \*Recap (HTML, JS, CSS)

- \*Type script

- \*Bootstrap css

# Git

git init

git remote add [variable][remote server link]

git add [file name]

git add -A

git commit -m "comment text"

git pull origin main

git push

# Recap HTML

```
<html>
```

```
<head>
```

```
  <!-- Information about the page -->
```

```
  <!--This is the comment tag-->
```

```
  <title>Web Development Workshop 2022</title>
```

```
</head>
```

```
<body>
```

```
  <!--Contents of the webpage-->
```

```
</body>
```

```
</html>
```

# Recap Javascript

```
<html>
```

```
<body>
```

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

```
<p id="demo">JavaScript can change the style of an HTML element.</p>
```

```
<button type="button" onclick="document.getElementById('demo').style.fontSize='35px'">
```

```
Click Me!
```

```
</button>
```

```
</body>
```

```
</html>
```

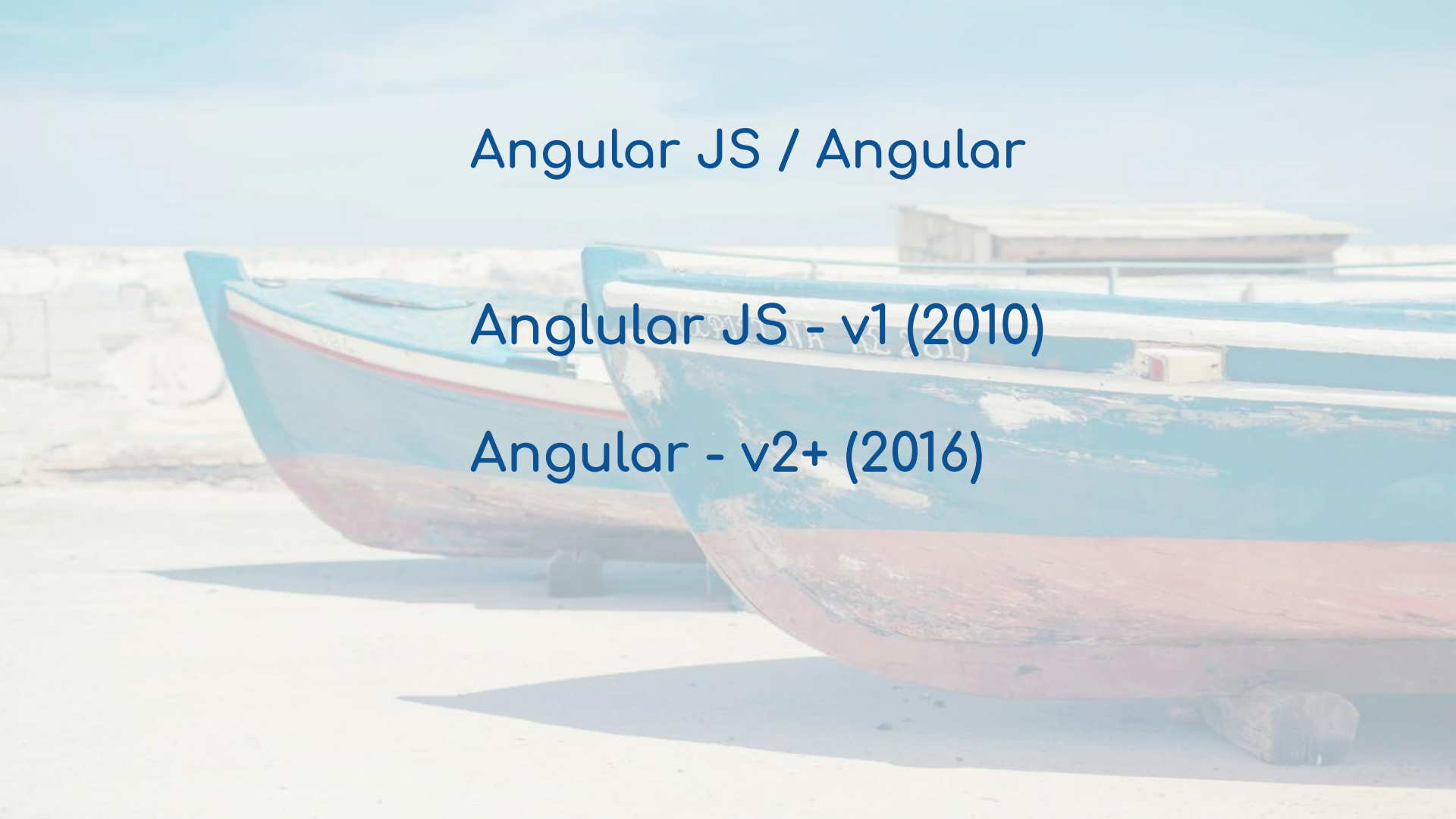
# Recap CSS

```
<style>
  body {
    background-color: lightblue;
  }
  h1 {
    color: white;
    text-align: center;
  }
  p {
    font-family: verdana;
    font-size: 20px;
  }
</style>
```



# Angular

A Modern Framework for building Client applications in HTML, JS/TS, CSS

The background of the slide is a photograph of two wooden boats on a sandy beach. The boats are painted blue on top and red on the bottom. They are positioned diagonally across the frame, with the boat in the foreground being more prominent. The sky is a clear, pale blue.

Angular JS / Angular

AngularJS - v1 (2010)

Angular - v2+ (2016)

## Prerequisites

- HTML, JS/TS, CSS

## Requirements:

- Node js
- Npm package manager

```
npm install -g npm
```

```
node -v
```

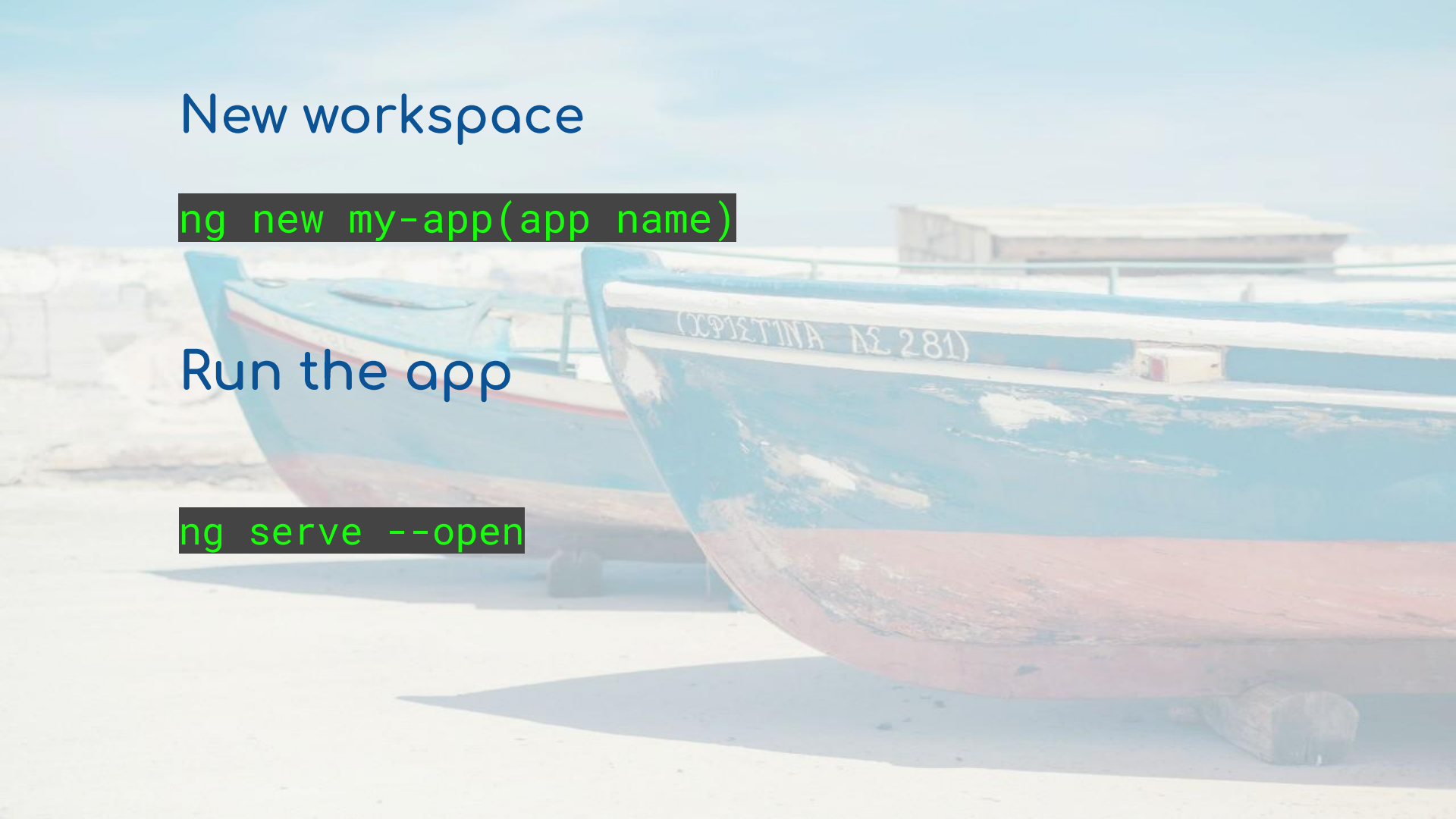
```
npm -v
```

# Angular CLI

```
npm install -g @angular/cli
```

On Windows client computers, the execution of PowerShell scripts is disabled by default. To allow the execution of PowerShell scripts, which is needed for npm global binaries, you must set the following

```
Set-ExecutionPolicy -Scope CurrentUser -ExecutionPolicy RemoteSigned
```

The background of the slide is a photograph of two small, traditional wooden boats with blue upper hulls and red lower hulls, resting on a sandy beach. The boat in the foreground is more prominent, showing its curved hull and some white paint peeling. In the background, another similar boat is visible, and further back, there's a small wooden structure on the beach. The sky is a clear, pale blue.

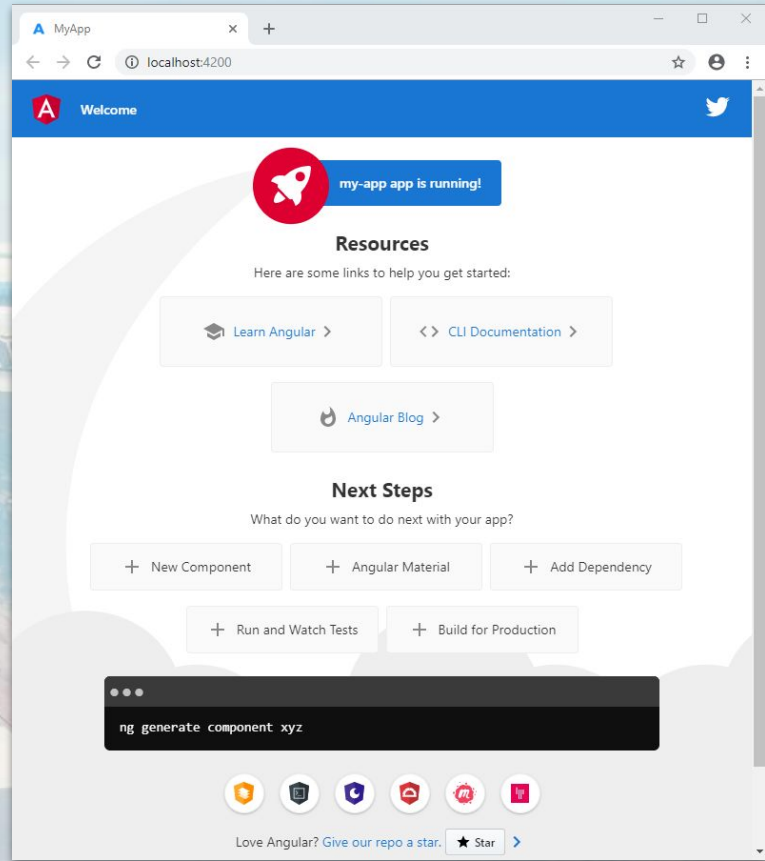
## New workspace

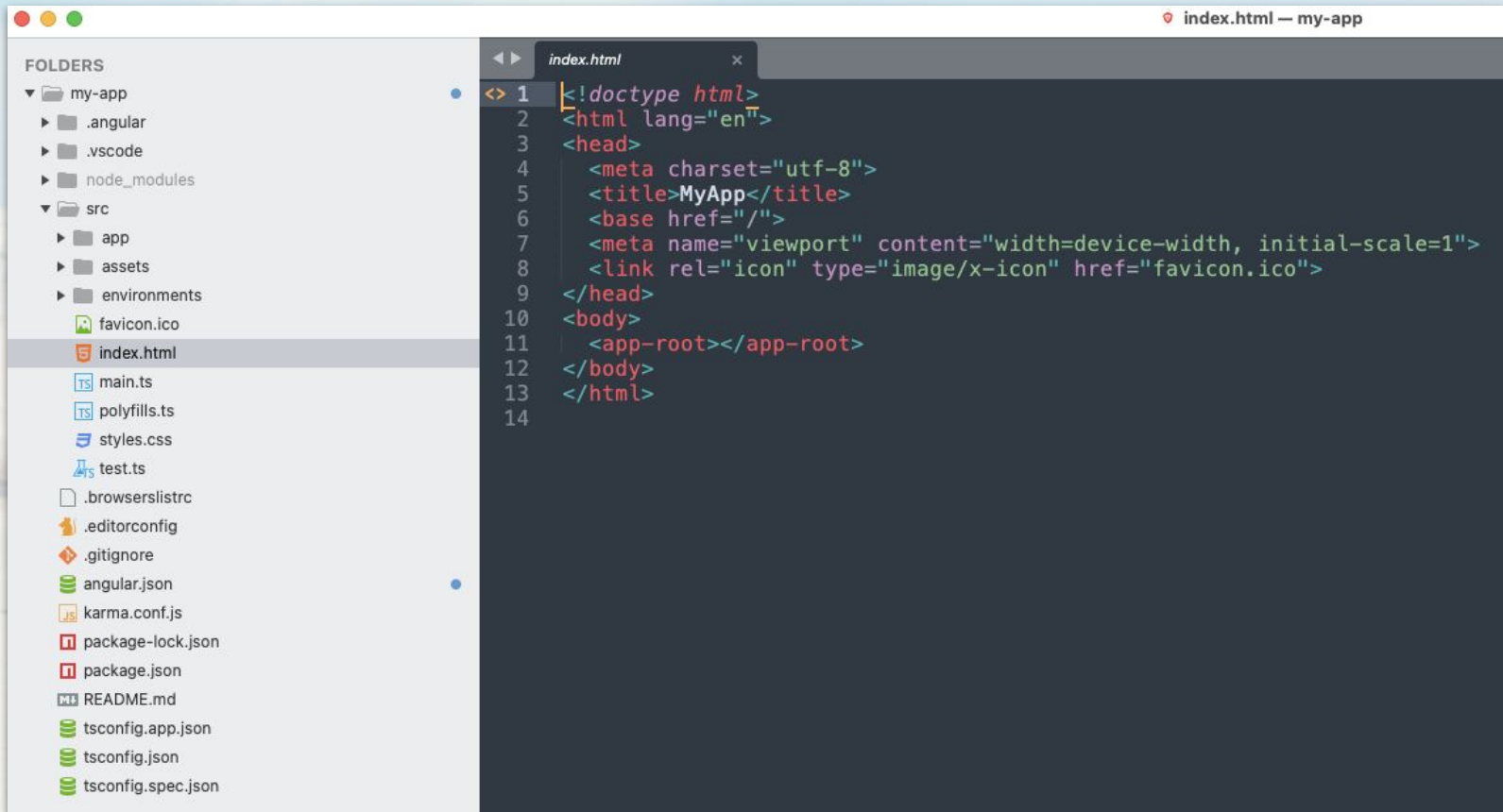
```
ng new my-app(app name)
```

## Run the app

```
ng serve --open
```

http://localhost:4200/





# References:

<https://www.w3schools.com/html/default.asp>

<https://www.w3schools.com/css/default.asp>

<https://www.w3schools.com/js/default.asp>

<https://www.typescriptlang.org/docs/>

<https://angular.io/docs>

<https://education.github.com/git-cheat-sheet-education.pdf>

<https://web.stanford.edu/group/csp/cs21/htmlcheatsheet.pdf>

<https://htmlcheatsheet.com/>