Exploring The Angular Ecosystem

A Frontend Journey

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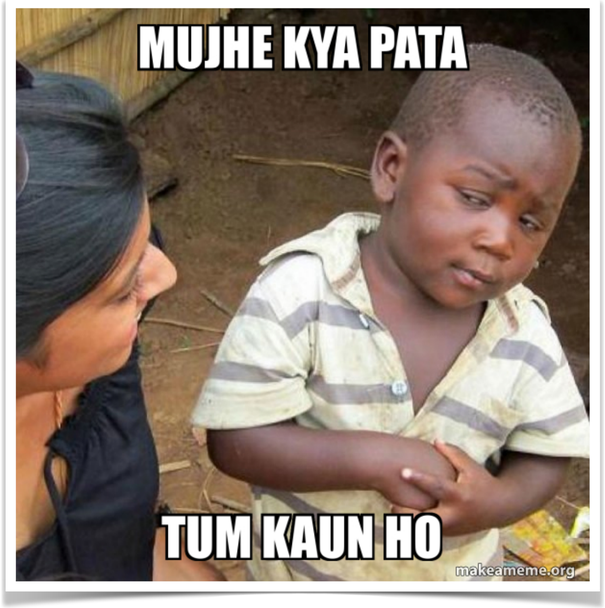
Who Am I?

- Software Engineer @P360
- Ex Software Engineer @BlackSpektro, Ex Full Stack Intern @TIKAJ
- Organizer @Google Developer Groups Siliguri
- Mentor of Smart India Hackathon 2022 Winner
- Mentor of Hack4Bengal 2.0 Hackathon
- Smart India Hackathon 2020 Winner
- 16+ Tech Talks



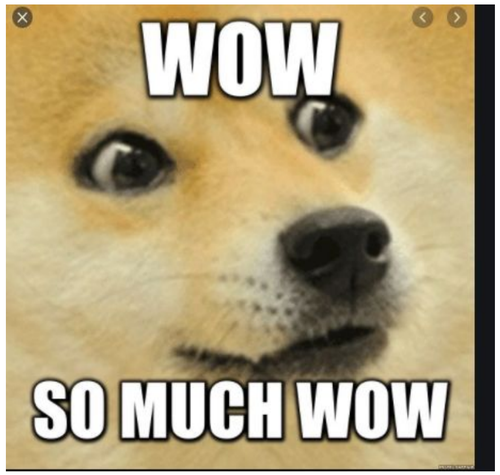
What is Angular ?

Angular is a platform and framework for building single-page applications

- After hearing this

Why you should choose Angular ?

Why ???

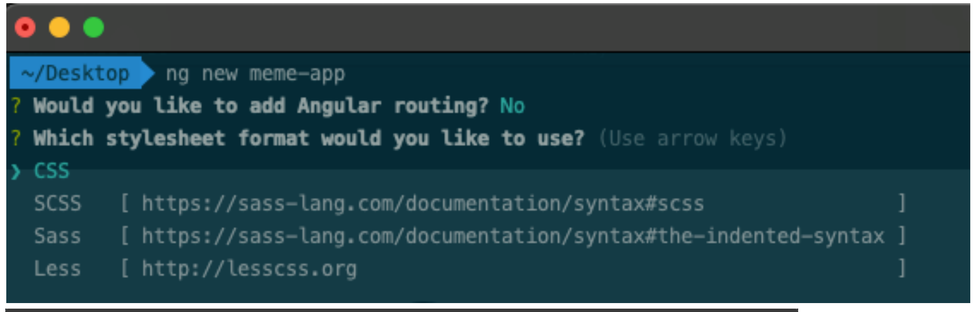


- Maintained by Google.
- Large Community and ecosystem.
- Using TypeScript as default language.
- You can even build mobile apps also using Angular. Ex: Ionic

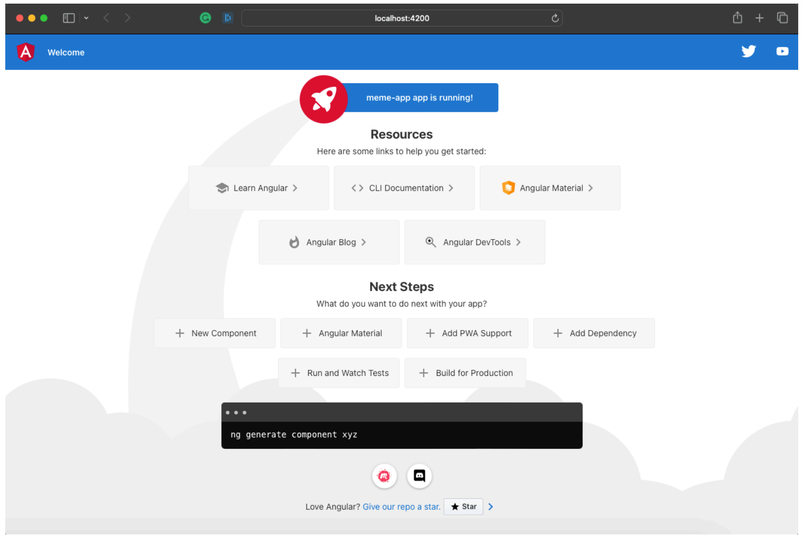
Angular Setup

Installation Guide

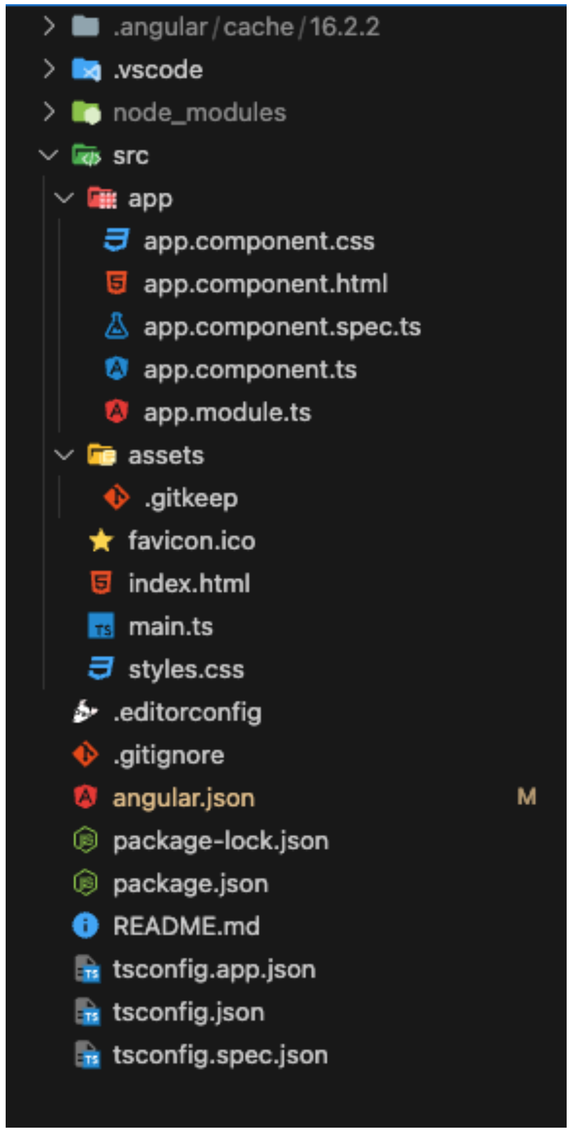
- Install Angular CLI using the command- `npm install -g @angular/cli`
- Create a new app by using- `ng new meme-app`



- Run Your app- `ng serve –open`

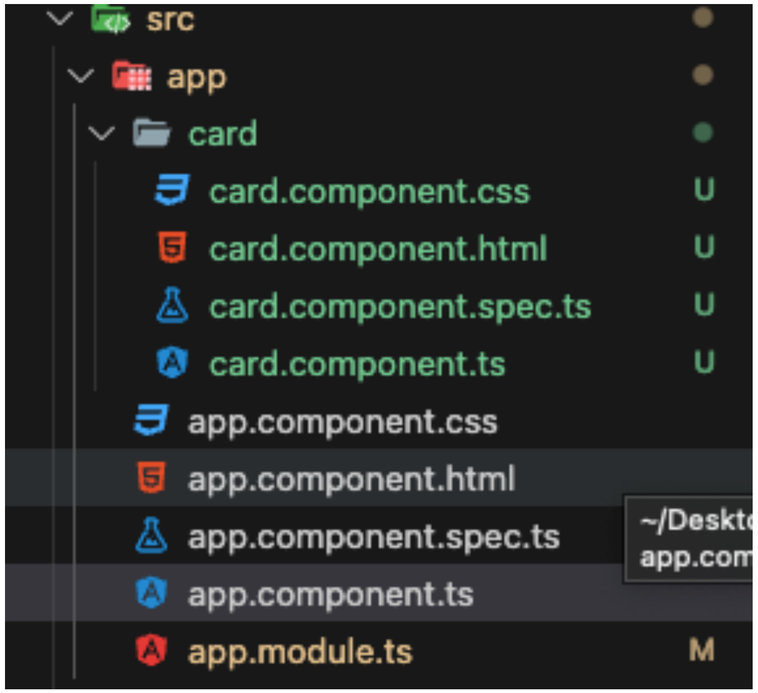


- Project Structure:



Let’s see the basics

- To create a component use- `ng generate c Card`



Define and use state

```
import { Component } from '@angular/core';

@Component({
   selector: 'app-root',
   templateUrl: './app.component.html',
   styleUrls: ['./app.component.css']
   })

export class AppComponent {
   title = 'meme-app';
   }


   // You can use this state like this {{title}} in
   // your code
```

Conditional Rendering

- You can conditionally render a block using ngIf.

```
<div *ngIf=“condition">
      Content to render when condition is true.
</div>
```

Map through Components

- You can map components using ngFor.

```
<ul>
      <li *ngFor="let person of people">
        {{ person.name }}
      </li>
 </ul>
```

When you should use Angular

Kab use Karna hai ?

- Your tech team is not too large and you want to maintain best practices in your codebase.
- For fast paced projects.

Do you want to learn Angular ?

Thank You

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- Contact Me: