

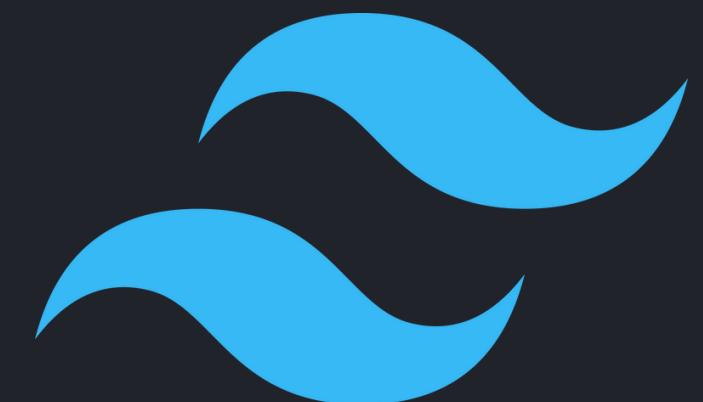
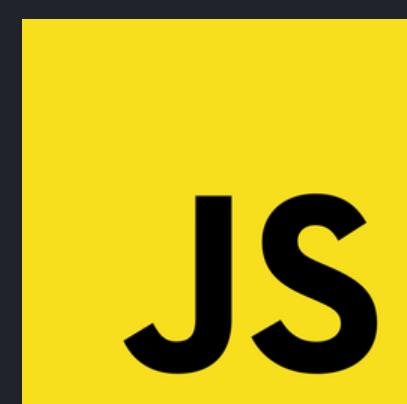
# PRESENTACIÓN DUAL{

Alejandro Barrionuevo Rosado  
Raquel López Bermúdez

}

<!-- 2DAW 2025 -->

# Tecnologias



nest



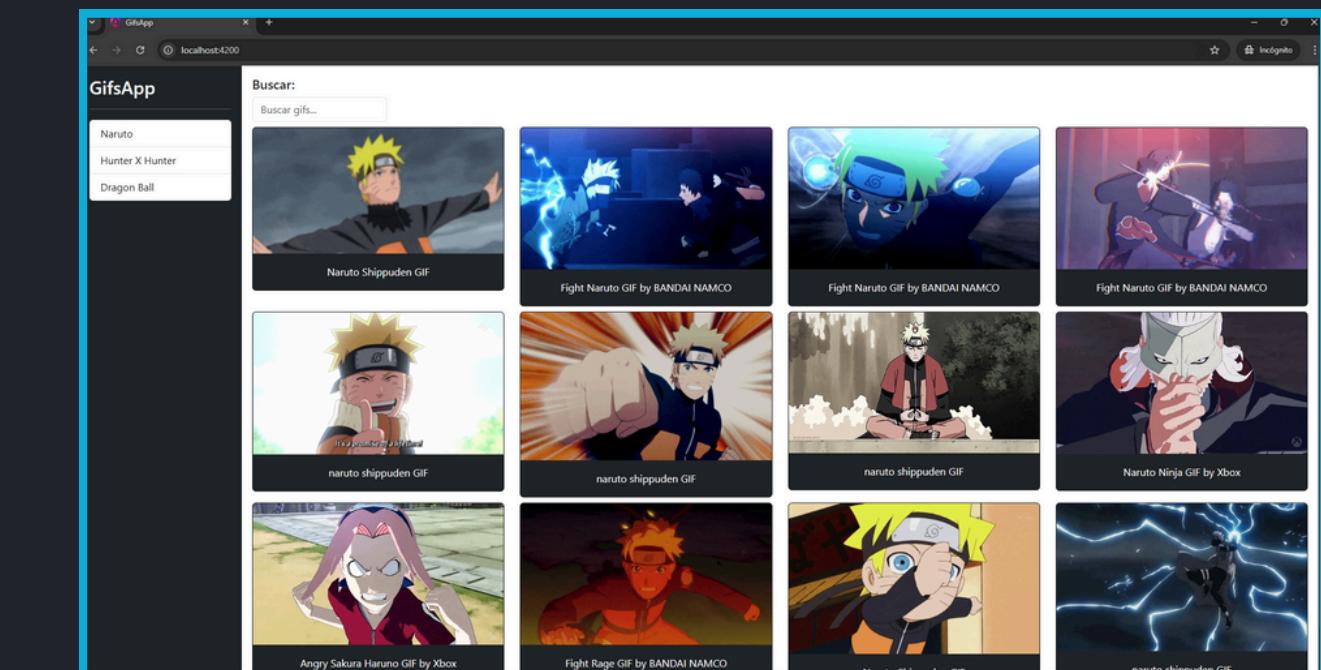
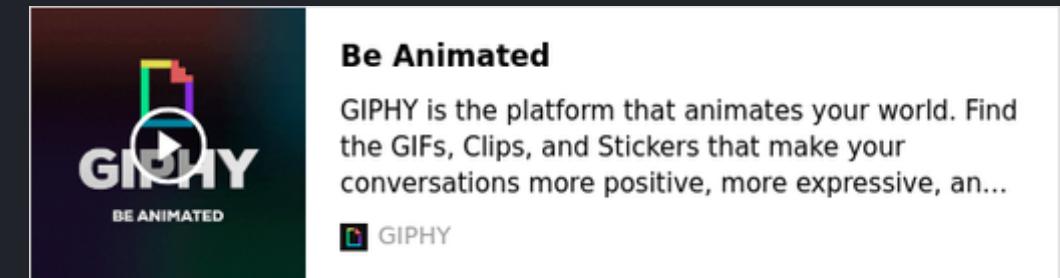
# Primera semana

- Poner el equipo en marcha.
- Curso sobre IA Generativa.
- Curso de prevención de riesgos laborales.
- Curso de gestión ambiental.
- Curso de ciberseguridad.
- Cursos de microlearning.



# Segunda semana

- Comenzar el curso “Angular: De cero a experto” en la plataforma de [Udemy](#).



# Terce ra semana



Países				
Por región				
#	Icon	Bandera	Nombre	Capital
1	NO		Norway	Oslo
2	GR		Greece	Athens
3	AX		Aland Islands	Mariehamn
4	CH		Switzerland	Bern
5	HR		Croatia	Zagreb
6	IS		Iceland	Reykjavík
7	LU		Luxembourg	Luxembourg
8	HU		Hungary	Budapest
9	NL		Netherlands	Amsterdam
10	LT		Lithuania	Vilnius
11	SK		Slovakia	Bratislava
12	LI		Liechtenstein	Vaduz
13	MD		Moldova	Chișinău
14	IT		Italy	Rome
15	JE		Jersey	Saint Helier
16	MC		Monaco	Monaco
17	BY		Belarus	Minsk
18	LV		Latvia	Riga

Pipes de Angular

- Textos y Fechas
- Número
- No comunes

Usualmente en el Common Module

— i18nSelect Pipe

Saludos Alejandro, un place invitarlo a nuestro evento.

Cambiar persona

— i18nPlural Pipe

Actualmente tenemos 10 clientes esperando.

Borrar cliente

— Slice Pipe

Original

Alejandro, Antonio, David, Jesus, Pablo, Cristina, Ana, Pepi, Miguel, Jose

Slice:0:2



PRIME NG

The Next-Gen UI Component Library

Angular UI Component Library

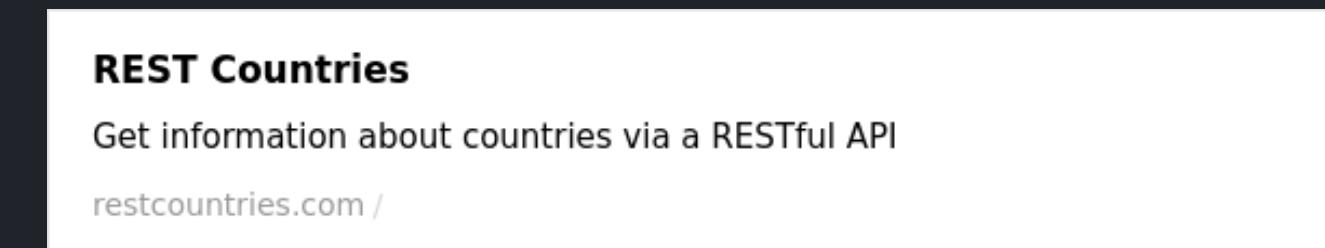
The ultimate collection of design-agnostic, flexible and accessible Angular UI Components.

primeng.org

## REST Countries

Get information about countries via a RESTful API

[restcountries.com /](http://restcountries.com/)



The screenshot shows a web application titled "HeroesApp" running at [localhost:4200/heroes/list](http://localhost:4200/heroes/list). The interface has a purple header bar with a user menu icon, the title "HeroesApp", and a login status showing "alejandro@gmail.com Logout". Below the header is a section titled "Listado de Héroes" (Hero List). It displays six cards, each representing a superhero from DC Comics:

- Batman**: Bruce Wayne. Image of Batman in his cowl. DC Comics debut: Detective Comics #27. First appearance: Detective Comics #27. Buttons: "Editar" and "... Más".
- Superman**: Kal-El. Image of Superman in flight. DC Comics debut: Action Comics #1. First appearance: Action Comics #1. Buttons: "Editar" and "... Más".
- Flash**: Jay Garrick. Image of the Flash in motion. DC Comics debut: Flash Comics #1. First appearance: Flash Comics #1. Buttons: "Editar" and "... Más".
- Green Lantern**: Alan Scott. Image of Green Lantern with a green ring. DC Comics debut: All-American Comics #16. First appearance: All-American Comics #16. Buttons: "Editar" and "... Más".
- Green Arrow**: Oliver Queen. Image of Green Arrow in his hooded suit. DC Comics debut: More Fun Comics #73. First appearance: More Fun Comics #73. Buttons: "Editar" and "... Más".
- Wonder Woman**: Princess Diana. Image of Wonder Woman in her red and gold suit. DC Comics debut: All Star Comics #8. First appearance: All Star Comics #8. Buttons: "Editar" and "... Más".

The screenshot shows the official Angular Material website at <https://material.angular.io/>. The page features a large "A" logo and the text "Angular Material" with the subtitle "Material Design components for Angular". Below this are three columns: "High quality", "Versatile", and "Frictionless", each with a brief description. A "Featured components" section shows examples of Datepicker, Title, Input, and Slide toggle components.

**Angular Material**  
UI component infrastructure and Material Design components for Angular web applications.

[Angular Material /](#)

**json-server**  
[!Node.js CI](<https://github.com/typicode/json-server/actions/workflows/node.js.yml/badge.svg>)  
(<https://github.com/typicode/json-server/actions/workflows/node.js.yml>)...

 [npm](#)

json-server@0.17.4

# Cuarta semana



localhost:4200/selector/selector

### Selectores anidados

Continentes:

- Europe

Países:

- Spain

Otros:

- France

Formulario

```
{"region": "Europe", "country": "ESP", "border": "FRA"}  
form valid: true
```

localhost:4200/reactive/switches

### Reactivos: Switches

Género

Masculino  
 Femenino

Notificaciones

Quiero recibir notificaciones  
 Términos y condiciones de uso

Valor del formulario

```
{
  "gender": "F",
  "wantNotifications": false,
  "termsAndConditions": null
}
```

Persona

```
{
  "gender": "F",
  "wantNotifications": false
}
```

Valid

false

Páginas

Reactive

Básicos  
Dinámicos  
Switches

Guardar

Validaciones

Registro

# Quinta semana



MapLibre GL JS

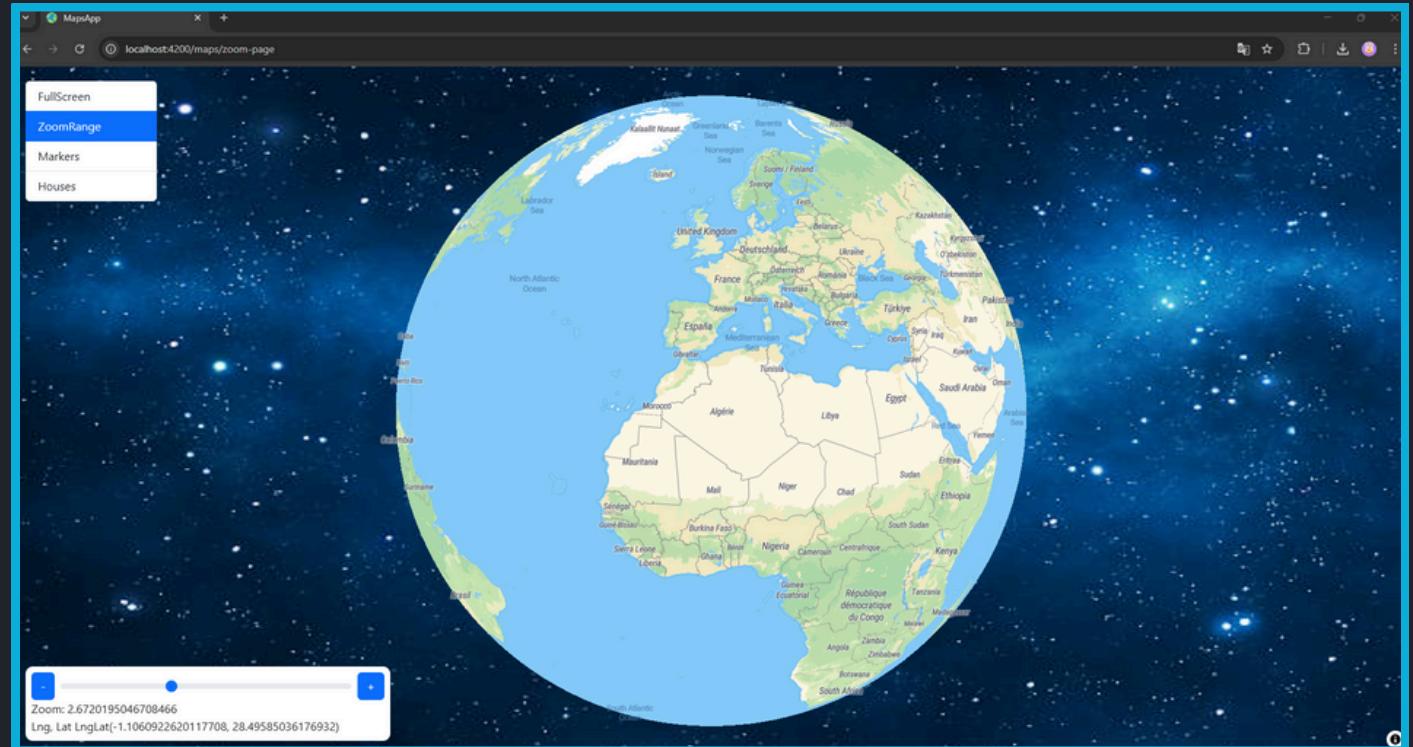
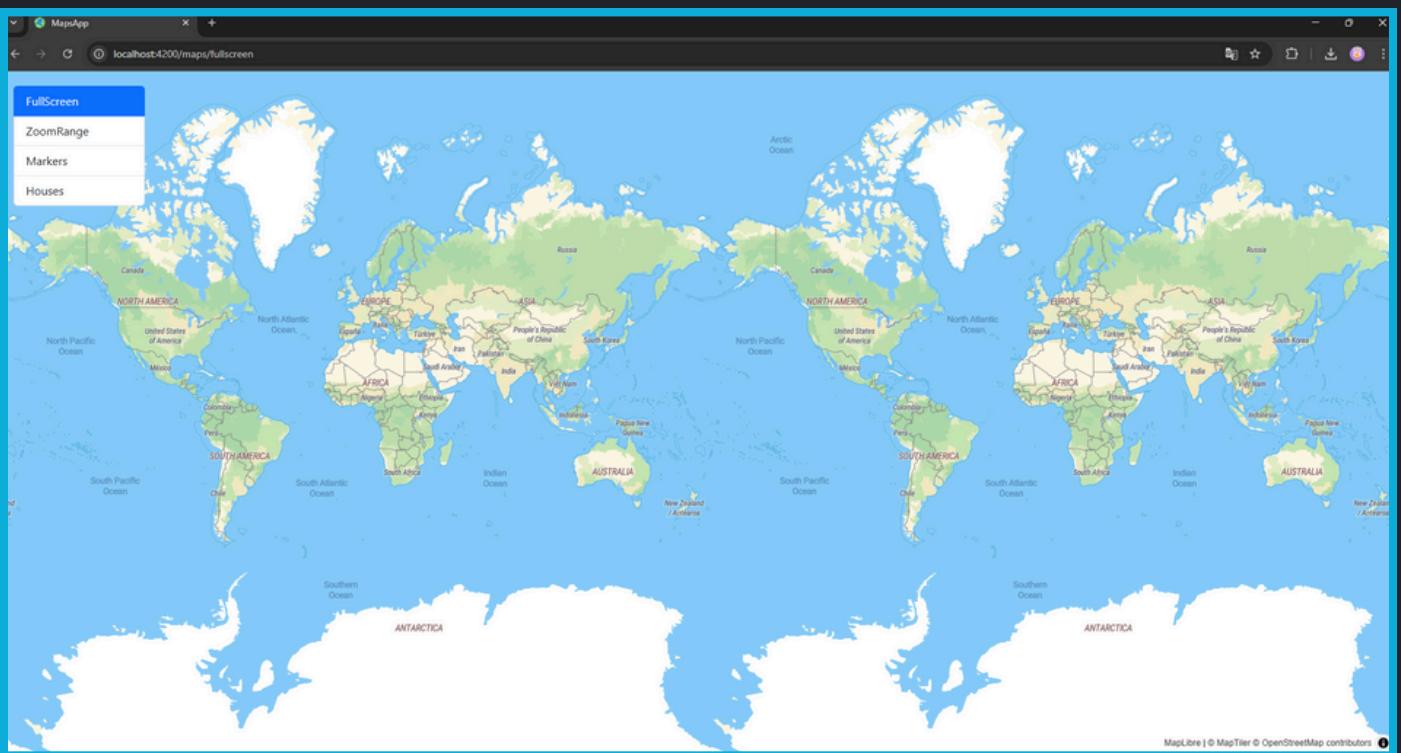
## Intro

MapLibre GL JS is a TypeScript library that uses WebGL to render interactive maps from vector tiles in a browser.

**Intro - MapLibre GL JS**

MapLibre GL JS is a TypeScript library that uses WebGL to render interactive maps from vector tiles in a browser.

[maplibre.org](https://maplibre.org)



## Login y registro:

- Back en Nest js.
- Front en Angular.
  - Implementa Angular Material 3.
- Docker compose para montar una base de datos en mongo db.
- JWT para la autentificación.



# Sexta semana

- Terminar el curso “Angular: De cero a experto”.
- El curso “API REST Nodejs desde cero usando MongoDB o MySQL” en la plataforma de [Udemy](#).
- Comenzar el curso “Angular & Spring Boot: Creando Webapp Full Stack” en la plataforma de [Udemy](#).



# Septima semana

- Implementar Redux en Angular.
- Backend en Spring Boot.
- JWT en Spring Boot.
- Presentación del proyecto.
- Crear organización en GitHub y configurar los Pull Request.



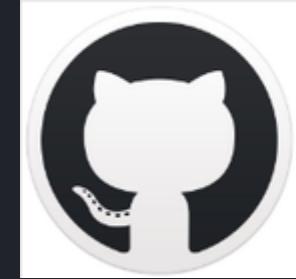
# Octava semana



- Dailys sobre el proyecto.
- Brainstorming.
- Historias de usuarios.
- Diseño de la base de datos.



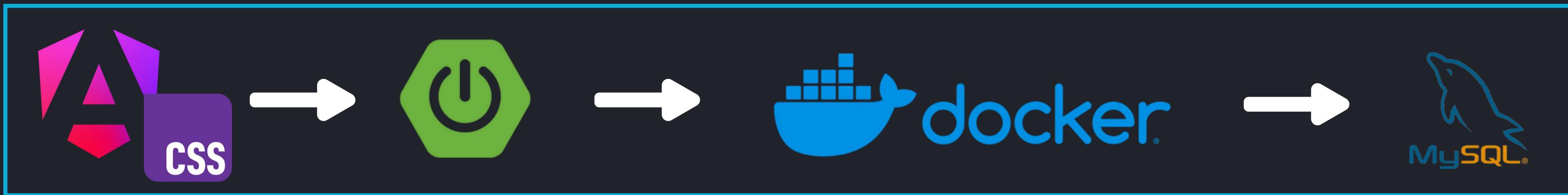
# Resto del periodo dual y FCT {



**AutoNext-Code/AutoNext-Code: Sistema de Reserva de Puestos de Carga**

Sistema de Reserva de Puestos de Carga. Contribuye a AutoNext-Code/AutoNext-Code development by...

[GitHub](#)



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Conocimientos adquiridos por cada módulo profesional. {



Desarrollo web en entorno cliente:



Diseño de interfaces Web:



}

Conocimientos adquiridos por cada módulo profesional. {



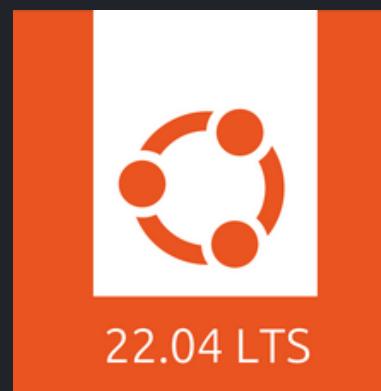
Desarrollo web en entorno servidor:



nest



Despliegue de aplicaciones web:



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# Gracias! {

Alejandro Barrionuevo Rosado  
Raquel López Bermúdez

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alan TURING VIEWNEXT

CENTRO PÚBLICO INTEGRADO DE FORMACIÓN PROFESIONAL

AN IBM SUBSIDIARY