Fundamentos de Angular

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Angular Platform

Forms

PWA

Language Services

Router

Elements

CDK

Universal

Compiler

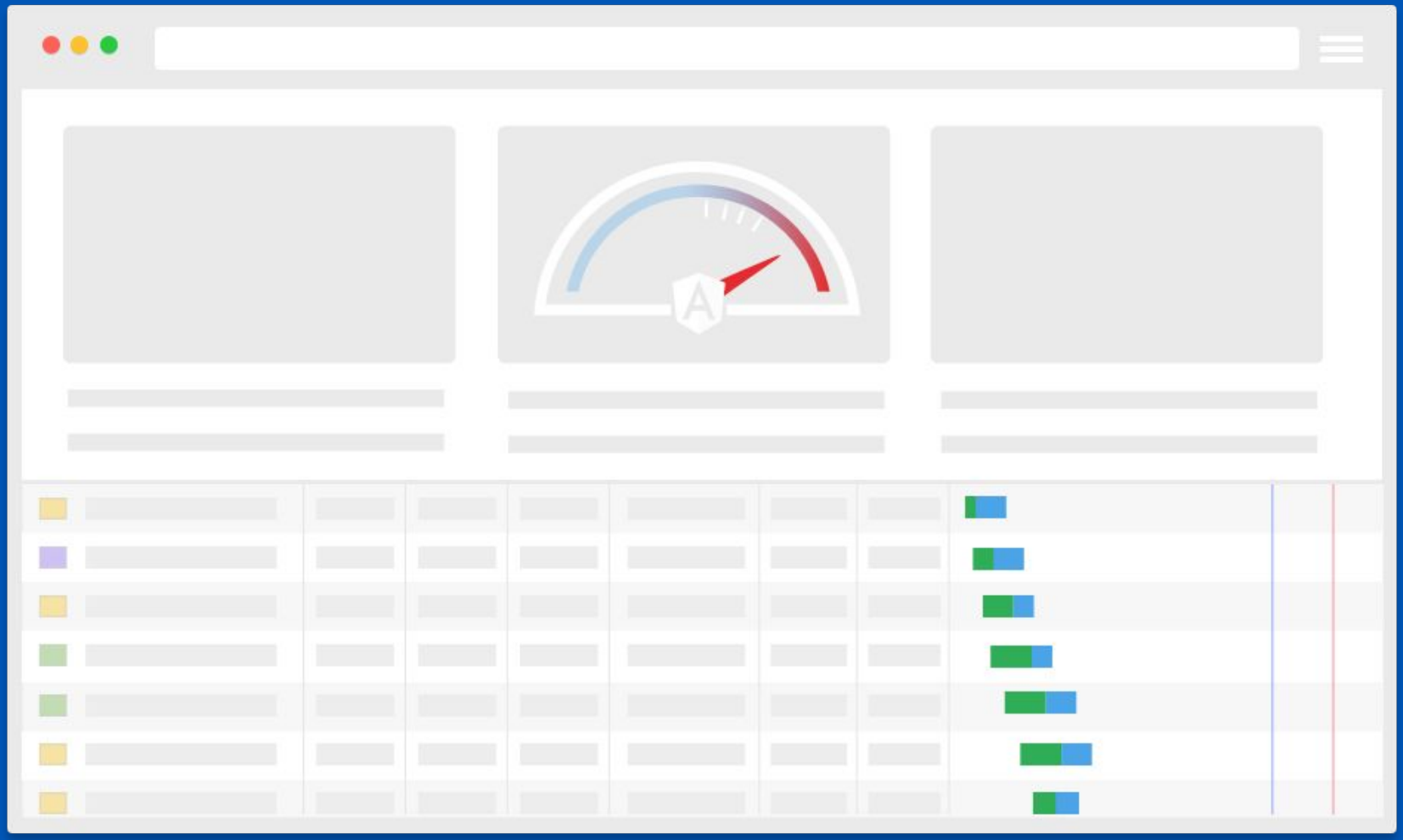
i18n

Http

Material

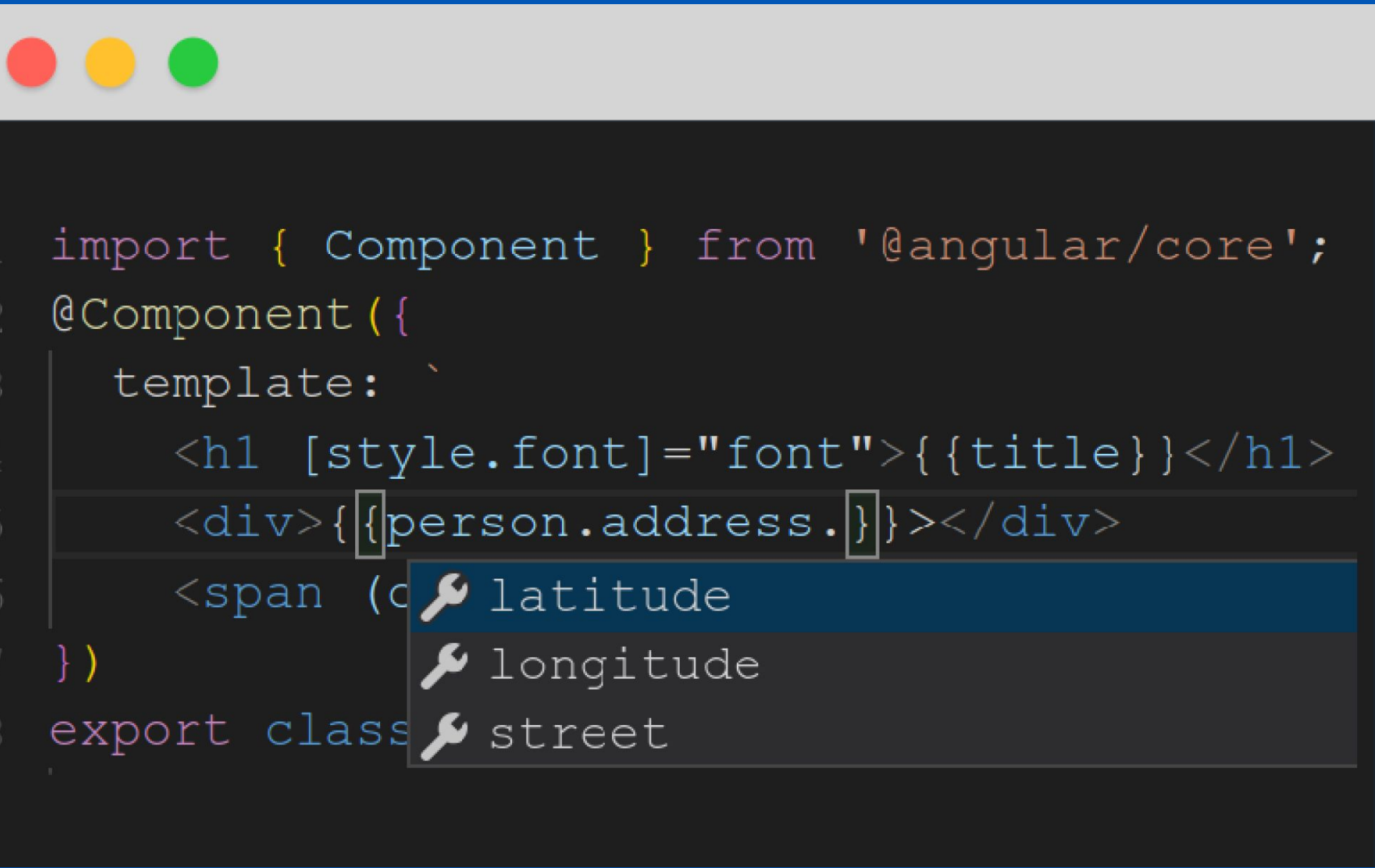
CLI

Speed & Performance

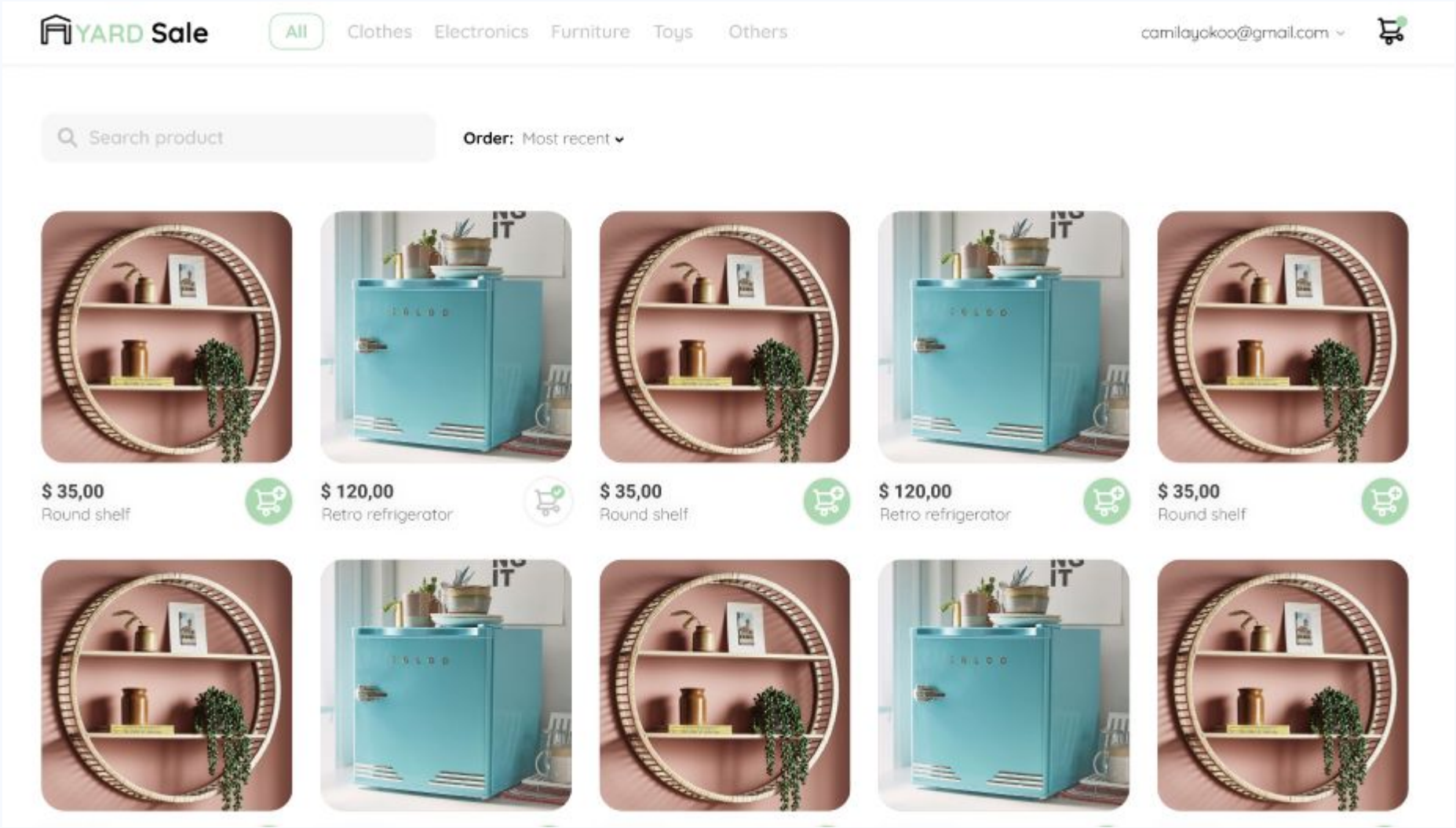


Across all Platforms

Incredible Tooling



Platzi Store



Requerimientos

```
node -v
npm -v
npm install -g @angular/cli
ng version
```

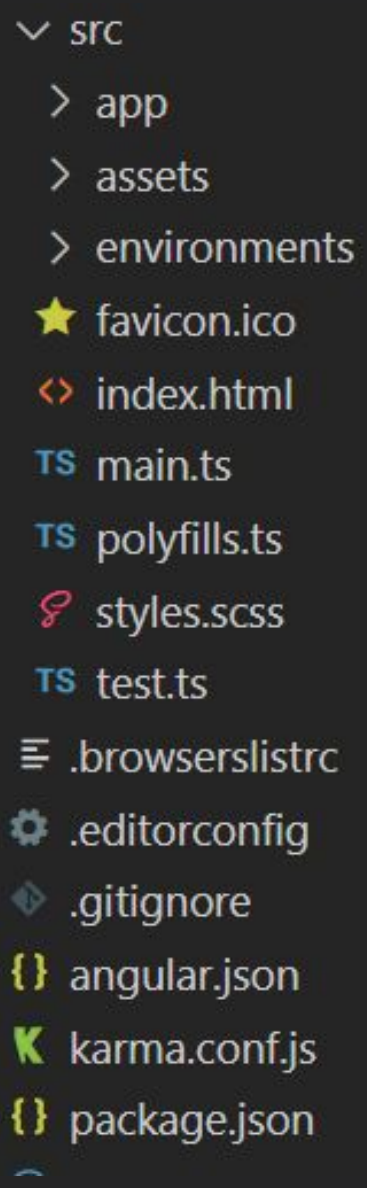
Angular CLI

```
ng help
ng generate --help
ng version

ng version
ng serve
ng serve -o
ng serve -p 5200
ng serve -0 --host 192.168.1.26 --port 4201
# Include live reload and dev experience.
```

Estructura de un proyecto

Archivos


src
app
assets
environments
favicon.ico
index.html
main.ts
polyfills.ts
styles.scss
test.ts
.browserslistrc
.editorconfig
.gitignore
angular.json
karma.conf.js
package.json

Conceptos de TypeScript

String
{{ Interpolation }}

String Interpolation

```
{{ 1 + 1 }}
{{ myVar }}
{{ myFunction() }}
```

String Interpolation

```
export class AppComponent {
   name= 'Nicolas'; // 👈 public
   age = 18;
   img = 'https://www.w3schoo...';
}
```

String Interpolation

```
<h1>Hola my name is {{ name }} and
I'm {{ age }} years old</h1>
<h2>{{ 'Hola mundo'.repeat(2) }}
</h2>
<p>
  Las suma de 3 + 3 = {{ 3 + 3 }}
</p>
<img src={{myImg}} />
```

Property
[Binding]

Property Binding

```
<button
   [disabled]="btnDisable">
  Botón
</button>
<input
   type="text"
   [value]="person.name"
/>
<img
   width="100"
   [src]="person.avatar"
 />
<progress
   [value]='progress'
   max="100">
</progress>
```

Event
(Binding)

Event Binding

```
<button (click)="onSave()">
  Save
</button>
```

Event Binding

```
<button (click)="onSave()">
  Save
</button>
```

Data
[(Binding)]

NgModel

[(ngModel)] = "someValue"

= "someValue"

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Angular Forms

@angular/forms

Uso de *ngIf

```
<div *ngIf="show">
    Text to show
</div>
```

Uso de *ngIf else

```
<div *ngIf="show; else elseBlock">
    Text to show
</div>
<ng-template #elseBlock>
  Alternate text while primary text is hidden
</ng-template>
```

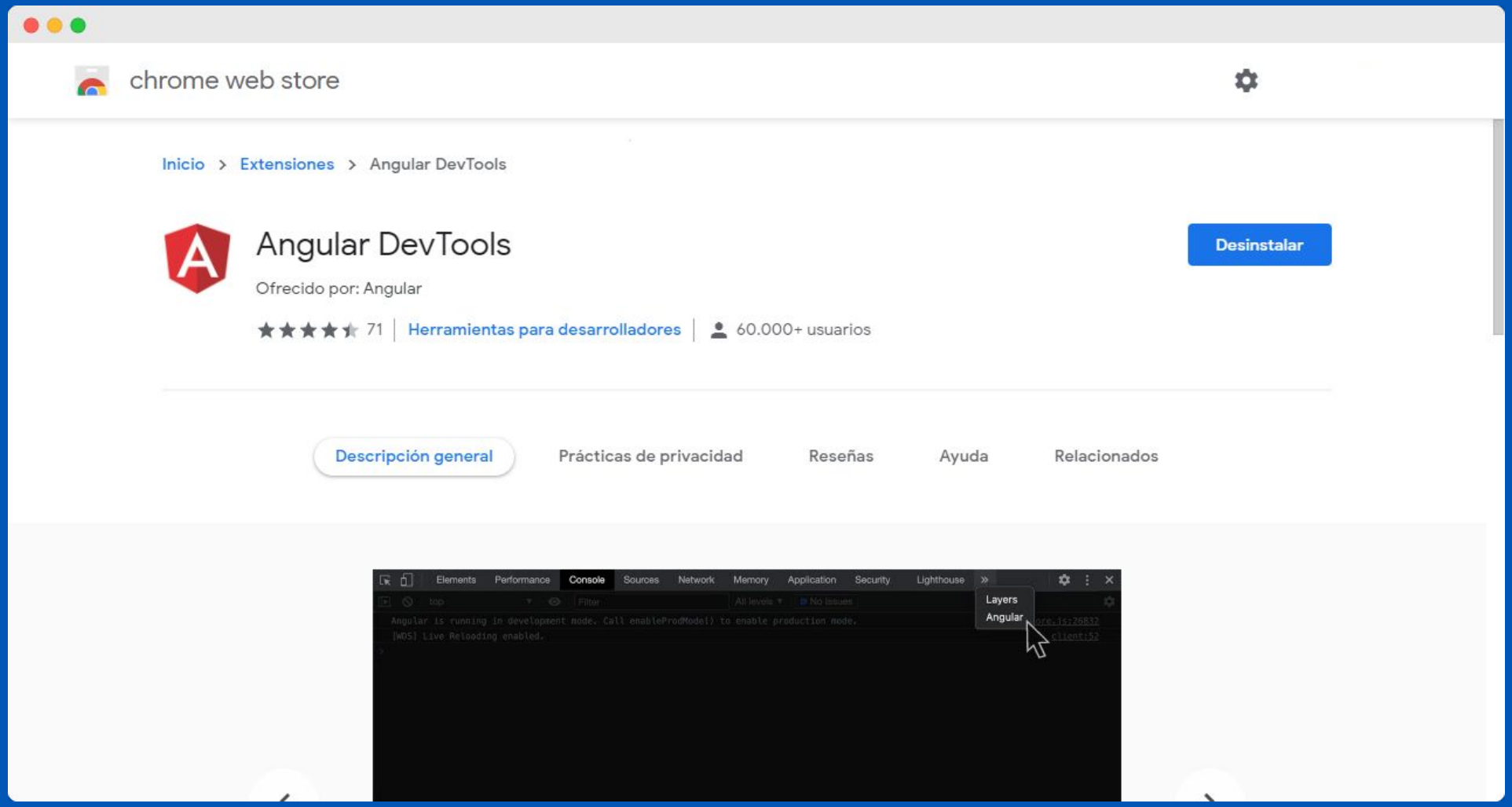
Uso de *ngFor

```
<li *ngFor="let user of users">
  {{user.name}}
</li>
```

Uso de ngSwitch

```
<div [ngSwitch]="switch_expression">
  <p *ngSwitchCase="expression_1">
     match 1
  </p>
  <p *ngSwitchCase="expression_2">
     match 2
  </p>
</div>
```

Angular DevTools



Estilos a la lista de productos

Dynamic Class & Style

NgClass & NgStyle

Creando un formulario

Despliegue con Firebase Hosting

Uso de *ngFor

```
<li *ngFor="let name of names">
  {{ name }}
</li>
```