



# DESARROLLO DE SOFTWARE FRONTEND II

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#### 1.1.2 Instalación de Angular

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# Instalación de Angular en Windows

## Objetivo

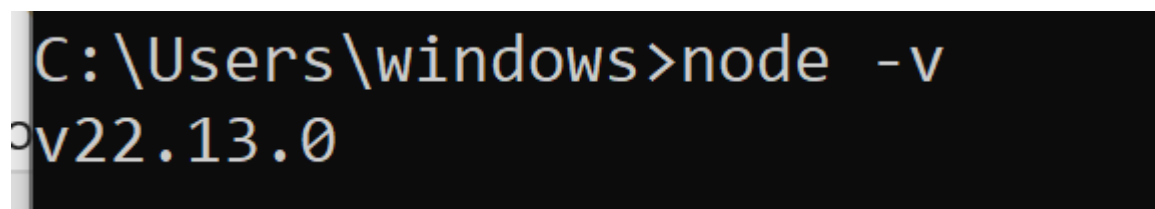
Documentar el proceso de instalación del framework Angular en un entorno Windows para el desarrollo de aplicaciones web modernas.

1. Abrir la terminal (PowerShell o Símbolo del sistema).
2. Instalar Angular CLI globalmente con el comando `npm install -g @angular/cli`.
3. Verificar la instalación de Angular CLI con `ng version`.
4. Crear un proyecto nuevo con el comando `ng new nombre-del-proyecto`.
5. Acceder al directorio del proyecto con `cd nombre-del-proyecto`.
6. Ejecutar la aplicación con `ng serve` y abrir el navegador en <http://localhost:4200>.

## Conclusión

El entorno para el desarrollo con Angular está listo. Puedes comenzar a crear aplicaciones interactivas utilizando las herramientas y características del framework.

## Captura de consola node -v



```
C:\Users\windows>node -v
v22.13.0
```

## Captura de consola ng v

```
Angular CLI

Angular CLI: 19.0.7
Node: 22.13.0
Package Manager: npm 10.9.2
OS: win32 x64

Angular:
...

Package                                Version
-----
@angular-devkit/architect              0.1900.7 (cli-only)
@angular-devkit/core                   19.0.7 (cli-only)
@angular-devkit/schematics             19.0.7 (cli-only)
@schematics/angular                   19.0.7 (cli-only)
```

## Captura de creación de proyecto en angular

```
✓ Which stylesheet format would you like to use? CSS [ https://developer.mozilla.org/docs/Web/CSS ]
✓ Do you want to enable Server-Side Rendering (SSR) and Static Site Generation (SSG/Prerendering)? Yes
✓ Would you like to use the Server Routing and App Engine APIs (Developer Preview) for this server application? Yes
CREATE practical/angular.json (3121 bytes)
CREATE practical/package.json (1272 bytes)
CREATE practical/README.md (1531 bytes)
CREATE practical/tsconfig.json (942 bytes)
CREATE practical/.editorconfig (331 bytes)
CREATE practical/.gitignore (629 bytes)
CREATE practical/tsconfig.app.json (508 bytes)
CREATE practical/tsconfig.spec.json (449 bytes)
CREATE practical/.vscode/extensions.json (134 bytes)
CREATE practical/.vscode/launch.json (490 bytes)
CREATE practical/.vscode/tasks.json (980 bytes)
CREATE practical/src/main.ts (255 bytes)
CREATE practical/src/index.html (308 bytes)
CREATE practical/src/styles.css (81 bytes)
CREATE practical/src/main.server.ts (71 bytes)
CREATE practical/src/server.ts (1674 bytes)
CREATE practical/src/app/app-routing.module.ts (255 bytes)
CREATE practical/src/app/app.module.ts (501 bytes)
CREATE practical/src/app/app.component.html (20239 bytes)
CREATE practical/src/app/app.component.spec.ts (1087 bytes)
CREATE practical/src/app/app.component.ts (242 bytes)
CREATE practical/src/app/app.component.css (0 bytes)
CREATE practical/src/app/app.module.server.ts (483 bytes)
CREATE practical/src/app/app.routes.server.ts (174 bytes)
CREATE practical/public/favicon.ico (15086 bytes)
/ Installing packages (npm)...
```

## Ejecución de ng serve

Thank you for sharing pseudonymous usage data. Should you change your mind, the following command will disable this feature entirely:

```
ng analytics disable
```

Global setting: enabled

Local setting: enabled

Effective status: enabled

### Browser bundles

Initial chunk files	Names	Raw size
polyfills.js	polyfills	90.20 kB
main.js	main	24.23 kB
styles.css	styles	95 bytes
	Initial total	114.52 kB

### Server bundles

Initial chunk files	Names	Raw size
polyfills.server.mjs	polyfills.server	572.91 kB
main.server.mjs	main.server	25.54 kB
server.mjs	server	1.86 kB

Application bundle generation complete. [2.678 seconds]

Watch mode enabled. Watching for file changes...

NOTE: Raw file sizes do not reflect development server per-request transformations.

Local: <http://localhost:4200/>

press h + enter to show help

## Captura del Navegador



# Hello, practica1

Congratulations! Your app is running. 🎉

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