# [Getting](https://docs.angularjs.org/guide) Started

## Getting Started with Angular: Deployment

To deploy your application, you have to compile it, and then host the JavaScript, CSS, and HTML on a web server. Built Angular applications are very portable and can live in any environment or served by any technology, such as Node, Java, .NET, PHP, and many others.

Whether you came here directly from [Your First App](https://angular.io/start), or completed the entire online store application through the [Routing](https://angular.io/start/start-routing), [Managing Data](https://angular.io/start/start-data), and [Forms](https://angular.io/start/start-forms) sections, you have an application that you can deploy by following the instructions in this section.

## Share your application

StackBlitz projects are public by default, allowing you to share your Angular app via the project URL. Keep in mind that this is a great way to share ideas and prototypes, but it is not intended for production hosting.

1. In your StackBlitz project, make sure you have forked or saved your project.
2. In the preview page, you should see a URL that looks like https://<Project ID>.stackblitz.io.
3. Share this URL with a friend or colleague.
4. Users that visit your URL will see a development server start up, and then your application will load.

## Building locally

To build your application locally or for production, download the source code from your StackBlitz project by clicking the Download Project icon in the left menu across from Project to download your files.

Once you have the source code downloaded and unzipped, use the [Angular Console](https://angularconsole.com/) to serve the application, or install Node.js and serve your app with the Angular CLI.

From the terminal, install the Angular CLI globally with:

content\_copynpm install -g @angular/cli

This installs the command ng on your system, which is the command you use to create new workspaces, new projects, serve your application during development, or produce builds to share or distribute.

Create a new Angular CLI workspace using the [ng new](https://angular.io/cli/new) command:

content\_copyng new my-project-name

In your new CLI generated app, replace the /src folder with the one from your StackBlitz download, and then perform a build.

content\_copyng build --prod

This will produce the files that you need to deploy.

If the above ng build command throws an error about missing packages, append the missing dependencies in your local project's package.json file to match the one in the downloaded StackBlitz project.

#### Hosting the built project

The files in the dist/my-project-name folder are static. This means you can host them on any web server capable of serving files (such as Node.js, Java, .NET), or any backend (such as Firebase, Google Cloud, or App Engine).

### Hosting an Angular app on Firebase

One of the easiest ways to get your site live is to host it using Firebase.

1. Sign up for a firebase account on [Firebase](https://firebase.google.com/).
2. Create a new project, giving it any name you like.
3. Add the @angular/fire schematics that will handle your deployment using ng add @angular/fire.
4. Connect your CLI to your Firebase account and initialize the connection to your project using firebase login and firebase init.
5. Follow the prompts to select the Firebase project you are creating for hosting.
   * Select the Hosting option on the first prompt.
   * Select the project you previously created on Firebase.
   * Select dist/my-project-name as the public directory.
6. Deploy your application with ng deploy.
7. Once deployed, visit [https://your-firebase-project-name.firebaseapp.com](https://your-firebase-project-name.firebaseapp.com/) to see it live!

### Hosting an Angular app anywhere else

To host an Angular app on another web host, upload or send the files to the host. Because you are building a single page application, you'll also need to make sure you redirect any invalid URLs to your index.html file. Read more about development and distribution of your application in the [Building & Serving](https://angular.io/guide/build) and [Deployment](https://angular.io/guide/deployment) guides.