**React vs Angular: Which JS Framework to choose for Front-end Development?**

***Quick Overview:****Are you in a dilemma about which JavaScript framework to choose for front-end development? You will find many articles on the internet and may get confused when you come across many options. But Angular and React are the most popular among developers out of all the JavaScript frameworks and libraries. Which one to pick when it comes to Angular vs React? Therefore, we deemed it fit to highlight the comprehensive differences between Angular and React, helping you to choose the best for your next or existing project.*

In the web development industry, the number of technologies, frameworks, and tools is rapidly increasing.

When choosing a particular framework or library, JavaScript has a plethora of options for front-end development, such as VueJS, **[TezJS](https://tezjs.io/" \o "TezJS" \t "_blank)**, and Svelte. However, Angular and

React secure their places at the top of the list as many developers consider them the best front-end development frameworks due to popularity.

But there are some questions that you should ask – Which JavaScript framework to choose for [**front-end development services**](https://radixweb.com/front-end-development)? Should you consider the project requirements and make a decision based on that? Or should you go with its popularity?

Which framework is popular – Angular or React? To help you find answers to the above questions, we will have a detailed comparison between these front-end frameworks. The debate on the difference between Angular and React occurs every time front-end programming is required.

In this article, we will analyze which framework is better in which situations. So, which one to choose: Angular or React? Let’s find it out.

On This Page

1. [What is React?](https://radixweb.com/blog/react-vs-angular#react)
2. [Advantages of React JS](https://radixweb.com/blog/react-vs-angular#advantages)
3. [What is Angular?](https://radixweb.com/blog/react-vs-angular#angular)
4. [Benefits of Angular](https://radixweb.com/blog/react-vs-angular#angularBenefits)
5. [An Overview: Difference Between Angular and React JS](https://radixweb.com/blog/react-vs-angular#ARDifference)
6. [React JS vs Angular: When to Choose What?](https://radixweb.com/blog/react-vs-angular#choose)
7. [Angular or React - Which is Better?](https://radixweb.com/blog/react-vs-angular#better)
8. [FAQs](https://radixweb.com/blog/react-vs-angular#faq)

What is React?

[**React is a front-end JavaScript library**](https://radixweb.com/react-js-introduction) that allows you to build user interfaces from reusable UI components. React uses server-side rendering to provide a flexible and performance-based solution. It allows developers to create seamless UX and complex UI. Furthermore, for an ultimate experience with UI/UX, you can get the best help from [**React frontend development services**](https://radixweb.com/reactjs-development).

Since React follows the “Learn Once, Write Anywhere” principle, it’s the preferred choice for developers to build fast and scalable applications. Along with JavaScript, React can also be used with JSX. Developed by Facebook, React is maintained by Facebook communities and individual developers.

**What does React have over Angular?**

* JSX Advantage
* Building Blocks Flexibility
* Isomorphic JavaScript
* Single Data Binding

Google Trends: The Popularity of React over Angular

**Advantages of React JS**

React JS offers many excellent front-end benefits to users and developers. Here are some of the prime advantages of React JS you can leverage:

* React offers an easy debugging process. The code is reusable.
* It’s easy to learn because of its easy and simple design.
* It allows developers to [migrate an app](https://radixweb.com/application-migration) in React very easily.
* It supports both Android and iOS platforms.
* ReactJS is view-oriented.
* It has faster updates with both server-side and front-end support.
* It supports a React Native library that offers efficient performance.

What is Angular?

Angular is an open-source JavaScript front-end framework developed and managed by Google’s Angular team. Angular is the most popular client-side framework for developing scalable and high-performing mobile and web apps using HTML, CSS, and TypeScript. The latest version of Angular is [**Angular 13**](https://radixweb.com/blog/angular-13-features-and-updates), which offers enterprise-ready web app development solutions and is widely used by [**companies for web development**](https://selectedfirms.co/companies/web-development/usa).

Angular is a complete rewrite of AngularJS (Angular 1.0) released in 2010. However, if you are not aware of the difference between [**Angular vs AngularJS**](https://radixweb.com/blog/angular-vs-angularjs), you can read our blog for better clarity. The MVC (Model View Controller) technique is used by Angular, which divides work into logical pieces and speeds up the initial webpage loading time.

**What does Angular have over React?**

* MVC Model
* Dependency Injection
* Out-of-the-box Full Stack Framework
* Two-way Data Binding
* Amazing App Structure

Benefits of Angular

Let’s understand the benefits of Angular:

* Angular offers clean code development and dependency injection.
* You can use many Angular libraries, which help you create robust template solutions.
* To execute a unit test in Angular, you need to inject mock data into the controller, then inspect the result and its behavior. Also, it allows you to create every single page separately and then combine them with the components to view the final product.
* It offers a single routing option. Also, it has interactive UIs with data binding.
* Angular extends HTML syntax. With directives, Angular lets you create reusable components.
* Must have synchronized data between the model view and the component.
* Angular uses the Plain Old JavaScript Objects (POJO) Model to make the code structure portable and independent.

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An Overview: Difference Between Angular and React JS

While discussing the Angular vs React comparison, you should know that many small to large enterprises have leveraged React and Angular to build applications. As per the BuiltWith statistics, [**around 11,908,579 websites use React**](https://trends.builtwith.com/websitelist/React), while [**327,765 websites use Angular**](https://trends.builtwith.com/framework/Angular). So the question is - Should I choose Angular or React? We have seen a lot of debates on the topic Angular vs React. Therefore, we will shed some light on the difference between Angular JS vs React JS, helping you choose the suitable for your next project.

* **AngularJS**, developed by Google, is an open-source structural framework used to [build dynamic web apps](https://radixweb.com/blog/steps-to-build-web-app), while **ReactJS**, developed by Facebook, is an open-source library that allows you to build UI components.
* **ReactJS** is a lightweight library that helps you build UI components with a virtual DOM and JSX syntax, whereas **Angular**is a comprehensive framework that offers multiple features like two-way data binding, TypeScript support, MVC architecture, and dependency injection.
* **React JS** is a JavaScript-based library, whereas **Angular** is a TypeScript-based web application framework
* While talking about React JS vs Angular, **Angular** is a JS framework built using TypeScript, whereas **React JS** is a JS library built using JSX.
* **React.js** is mostly used to build interactive UI components with frequently variable data, whereas **Angular.js** is used to build complex enterprise apps like [progressive web apps](https://radixweb.com/services/progressive-web-apps-development) and [single-page apps](https://radixweb.com/services/single-page-application-development).
* While comparing Angular JS vs React JS, **Angular JS** is used to build single-page applications using HTML and TypeScript. **React JS** is commonly used to create user interfaces for single-page applications from isolated components.
* **React** is a JavaScript library, developed and maintained by Facebook, whereas **Angular** is a TypeScript-based JavaScript framework developed by Google.
* **Angular** is a part of the MEAN stack and is very compatible with many code editors. It’s also considered to develop dynamic websites and web apps. On the other hand, **React** is widely used to develop reusable HTML elements for front end development.

Hence, let’s move on to the technical aspects and understand a clear comparison between React vs Angular.