

React v Angular v Vue v Polymer

Vue is driven entirely by the open source community, whereas Angular and React have a significant share of Google and Facebook employees contributing to the repositories.

When it comes to Angular vs React, Facebook has stated that **stability is of utmost importance to them**, as huge companies like Twitter and Airbnb use React. Upgrades through versions are generally the easiest in React, with scripts such as react-codemod helping you to migrate.

React

React is a JavaScript library for building user interfaces.

React is used to build single page applications.

React allows us to create reusable UI components.

Pros	Cons
has a huge number of contributions from the community	The community is divided on the best way to write CSS in React
gaining widespread acceptance	React is moving away from class-based components, which may be a barrier for developers more comfortable with Object Oriented Programming (OOP)
job market for React is really good	need to install extra libraries for some functionality
the future for this framework looks bright	
a good choice for someone getting started with front-end JavaScript frameworks, startups and developers who like some flexibility	
The ability to integrate with other frameworks seamlessly gives it a great advantage for those who would like some flexibility in their code.	
fast	
Great support	

Companies that use React:

Facebook, Instagram, Netflix, New York Times, Yahoo, Khan Academy, Whatsapp, Codecademy, Dropbox, Airbnb, Asana, Atlassian, Intercom, Microsoft, Slack, Storybook, and many more.

Angular

AngularJS is a JavaScript framework. It can be added to an HTML page with a `<script>` tag. AngularJS extends HTML attributes with Directives, and binds data to HTML with Expressions.

Pros	Cons
most mature of the frameworks	the learning curve is steep
has good backing in terms of contributors	concepts of development in Angular may put off new developers
is a complete package.	Relatively slower performance, according to different benchmarks
good choice for companies with large teams and developers who already use TypeScript.	
MVVM (Model-View-ViewModel) that allows developers to work separately on the same app section using the same set of data	

Companies that use Angular:

Microsoft, Autodesk, MacDonald's, UPS, Cisco Solution Partner Program, AT&T, Apple, Adobe, GoPro, ProtonMail, Clarity Design System, Upwork, Freelancer, Udemy, YouTube, Paypal, Nike, Google, Telegram, Weather, iStockphoto, AWS, Crunchbase.

Vue

Vue.js lets you extend HTML with HTML attributes called directives

Vue.js directives offers functionality to HTML applications

Vue.js provides built-in directives and user defined directives

Pros	Cons
This is perhaps playing a role with a lot of Chinese giants	new to the arena, without the backing of a major company

should be your choice if you prefer simplicity, but also like flexibility	it remains to be seen how it does in the future and one is justified to be cautious with it.
Empowered HTML. This means that Vue.js has many similar characteristics with Angular and this can help to optimize HTML blocks handling with the use of different components.	Lack of resources knowledge sharing in this framework is still in the beginning phase
Detailed documentation (relatively easy to learn)	Risk of over flexibility. Sometimes, Vue.js might have issues while integrating into huge projects
Adaptability	

Companies that use Vue.js:

Xiaomi, Alibaba, WizzAir, EuroNews, Grammarly, Gitlab and Laracasts, Adobe, Behance, Codeship, Reuters.

Polymer

Polymer.js basically will help you create new custom elements or HTML tags as per your requirements.

Pros	Cons
Has a clear standard	some components and features need non-trivial polyfills to work(with degraded performance)
Based on web components	

Companies that use polymer:

Youtube, Netflix, Coca Cola, McDonalds, Electronics Arts, Comcast, Nuxeo, ING, BBVA, IBM,

Search for each frameworks name on NAV (15.1.2020):

React

Number of vacancies: 213 (115 recruitment ads)

Angular

Number of vacancies: 115 (65 recruitment ads)

Vue

Number of vacancies: 60 (30 recruitment ads)

Sources:

Daityari S. (2020) *Angular vs React vs Vue: Which Framework to Choose in 2020*. Available at: <https://www.codeinwp.com/blog/angular-vs-vue-vs-react/> (accessed: 15. January 2020)

Techmagic(2018)*React vs Angular vs Vue.js — What to choose in 2019? (updated)*.

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<https://medium.com/@TechMagic/reactjs-vs-angular5-vs-vue-js-what-to-choose-in-2018-b91e028fa91d> (accessed: 15. January 2020)