

Comparison Table: React, Angular, and Vue

Features			
Developer	Facebook	Google	Evan You
Initial Release	2013	2010	2014
Language	JavaScript, JSX	TypeScript	TypeScript
Architecture	Component-based	Component-based (MVC)	Component-based
Learning Curve	Moderate	Steep	Gentle
Performance	High (Virtual DOM)	Good (Optimized change detection)	High (Virtual DOM)
State Management	Context API, Redux, MobX	Angular Services, RxJS, NgRx	Vuex
Ecosystem	Large, extensive third-party libraries	Large, comprehensive official tools	Growing, rich plugin ecosystem
Development Tools	React DevTools, Create React App	Angular CLI, Angular DevTools	Vue CLI, Vue Devtools
Scalability	Highly scalable	Highly scalable	Scalable
Enterprise Adoption	Facebook, Instagram, Airbnb	Google, Microsoft, IBM	Alibaba, Xiaomi, GitLab
Flexibility & Integration	Highly flexible	Less flexible, more opinionated	Extremely flexible
Built-in Features	Limited, relies on third-party libraries	Comprehensive (routing, state management)	Progressive, add features as needed
Template Syntax	JSX	HTML, TypeScript	HTML-based templates
Data Binding	Unidirectional (one-way)	Bidirectional (two-way)	Bidirectional (two-way)
Official Documentation	www.react.dev	www.angularjs.org	www.vuejs.org