

ANGULAR

Angular is a powerful JavaScript framework, developed and maintained by Google, that has gained widespread popularity in web development. It is known for its component-based architecture, which breaks down applications into reusable and self-contained components, each comprising an HTML template, TypeScript code, and CSS styles. This approach simplifies the management of complex user interfaces. TypeScript is at the core of Angular, offering static typing for improved code quality and early error detection. Angular features two-way data binding, making real-time, interactive applications easier to build. Its robust dependency injection system promotes code modularity and maintainability. Angular also provides powerful routing for single-page applications, form handling with built-in validation, an HTTP client for server communication, and internationalization support. With an active community and ecosystem, Angular remains a top choice for building scalable and maintainable web applications.