

Vue.js – Web application

Learn the Vue.js frontend framework in this comprehensive training program.

Category: Programming · Duration: 4 days

WHO IT IS FOR

- Java developers
- Front-end developers
- Teams that want hands-on practice on real scenarios

In this training program, participants will gain a deep understanding of Vue.js, a popular JavaScript framework for building user interfaces for web applications. They will explore the core concepts of Vue.js, including component-based development, state management, and routing. Through hands-on exercises and projects, participants will learn how to build responsive and interactive web applications using Vue.js.

Prerequisites

Participants should have a basic understanding of HTML, CSS, and JavaScript.

Syllabus

- Introduction to Vue.js
- Setting up a Vue.js project
- Vue.js components and props
- Reactivity in Vue.js
- Vue.js directives
- Handling user input with forms
- Conditional rendering and loops
- Vue.js routing
- Managing state with Vuex
- Building reusable Vue.js components
- Working with APIs in Vue.js
- Vue.js animation and transitions
- Unit testing in Vue.js
- Vue.js best practices
- Deploying a Vue.js application

- Vue.js performance optimization
- Vue.js ecosystem and tooling
- Vue.js and server-side rendering
- Vue.js and serverless architecture
- Real-world Vue.js project
- Advanced Vue.js topics