

## **ATC-VUE: Vue.js**

Course Code: ATC-VUE

Duration: 5 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

### **OVERVIEW**

Vue.js is among the world's most popular language frameworks for applications and interface development. Its relative lightweight platform, ease of understanding, simple integration, and flexibility have given it huge support from developers and organizations such as Alibaba, Xiaomi and others.

### **SKILLS COVERED**

- Learn the basics of Vue.js, including its use of templates to display data on a page
- Learn to set up Vue projects from scratch, or use vue-cli to set up from a template
- Understand the fundamental concepts of Vue.js and how to use it in applications
- Learn to create instances, learn about single page apps, Custom directives, Mixins, Routing and more
- Discover how Vue.js works with CSS to style your websites and applications
- Use render functions and JSX, rather than templates, to determine what Vue displays
- Be able to control how code is executed and displayed with vue-router
- Learn to effectively use and navigate the Vuex library
- Build a fully functional app from scratch, and unit test your applications

### **WHO SHOULD ATTEND?**

This course is ideal for UI developers, technical project managers, full stack web developers, quality assurance specialists, architects, and students who wish to learn front-end UI development using Vue.

### **PREREQUISITES**

Learners are expected to have a basic knowledge of HTML, CSS, and JavaScript. Although, some working or practical knowledge in the above languages will definitely add more value.

### **MODULES**

#### **Module 1: Introduction to Vue JS**

#### **Module 2: Working with Template & View Model**

#### **Module 3: Vue Instance**

#### **Module 4: Event Handling**

#### **Module 5: Working with Forms & Two Way Binding**

#### **Module 6: Introduction to Components**

#### **Module 7: Passing Data to Components**

#### **Module 8: Content Distribution with Slots**

#### **Module 9: Dynamic Components**

#### **Module 10: Custom Directives**

#### **Module 11: Mixin**

#### **Module 12: Filters**

#### **Module 13: Remote Communication with Vuejs**

#### **Module 14: Routing**

**Module 15: State Management**

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