



Certificate in Vue.js

Vskills Certifications

Vskills Brochure



Skills for a secure future

Certificate in Vue.js

Vue.js is a popular front end JavaScript framework used for developing SPAs (single-page applications) and user interfaces. Vue.js is based on model-view-view model and easily integrates with other libraries or existing projects.

Vue.js extends HTML with directives which provide functionality to HTML applications. Vue.js provides built-in directives and user defined directives.

Why should one take this certification?

Vskills Certificate in Vue.js enables you to showcase your skills and knowledge in Vue.js and front-end web development. The certificate is a proof of your expertise in developing web applications, single-page applications, user interface and websites using Vue.js.

Certified candidates are able to stand apart in the job market and also increase their career opportunities.

Who will benefit from taking this certification?

Web developers, programmers, front end developers, UI/UX professionals benefit from taking the Vskills Certificate in Vue.js.

Students and job seekers looking to find employment in web development or front-end web development departments of various companies, students generally wanting to improve their skill set and make their CV stronger and existing employees looking for a better role can prove their employers the value of their skills through this certification.

Test Details

- **Duration:** 60 minutes
- **No. of questions:** 50
- **Maximum marks:** 50, Passing marks: 25 (50%)

There is no negative marking in this module.

Fee Structure

Rs. 3,499/- (Excludes taxes) *

* Fees may change without prior notice, please refer <http://www.vskills.in> for updated fees

Table of Contents

1. Introduction

- 1.1 What is Vue.js and What can it Do?
- 1.2 Overview of Vue 3 Changes

2. Vue.js Basics

- 2.1 The Vue Instance
- 2.2 Data and Lists
- 2.3 Looping with Objects
- 2.4 List Indexes and Keys
- 2.5 Binding Attributes
- 2.6 Mini Challenge-Dynamic Links
- 2.7 Mini Challenge-Dynamic Links-Solution
- 2.8 JavaScript Expressions
- 2.9 Event Handling
- 2.10 Methods
- 2.11 Raw HTML
- 2.12 The Vue Life Cycle

3. Component Basics

- 3.1 What are Components?
- 3.2 First Look at Components
- 3.3 Props and Reusing Components
- 3.4 Local Components

4. Build Tools and Single-Page Applications

- 4.1 Single-Page Applications
- 4.2 The Vue CLI
- 4.3 Project Structure
- 4.4 The vetur Extension

5. Countdown Project

- 5.1 Starter Project Download
- 5.2 Single File Components
- 5.3 Making Our Components Dynamic
- 5.4 Calculating Days Left
- 5.5 Conditional Rendering
- 5.6 More on Conditional Rendering
- 5.7 Computed Properties
- 5.8 Watchers
- 5.9 Computed or Watchers
- 5.10 Ordering and Toggling Past Events
- 5.11 Teleport

6. Forms, Events, and Modifiers

- 6.1 Our Form Component
- 6.2 Styling and Positioning the Form Modal
- 6.3 Emit Custom Events
- 6.4 Binding Form Inputs
- 6.5 Emit Data with a Custom Event
- 6.6 Emit Multiple Events
- 6.7 Modifiers
- 6.8 Validating Our Form
- 6.9 Updating Events
- 6.10 Removing Events

7. Validation and a Deeper Look at Props

- 7.1 Prop Validation
- 7.2 Non-Prop Attributes
- 7.3 More on Non-Prop Attributes

8. Slots and Dynamic Components

- 8.1 What We will be Building
- 8.2 Project Pages and Components
- 8.3 Introduction to Slots
- 8.4 Overview Page Structure
- 8.5 Slots in Practice
- 8.6 Passing Dynamic Data and Scope
- 8.7 Fallback Content
- 8.8 Named Slots
- 8.9 Scoped Slots
- 8.10 Orders Page
- 8.11 Bestsellers Page
- 8.12 Dynamic Components

9. Provide/Inject

- 9.1 What is provide-inject
- 9.2 Setting Up a Provider
- 9.3 Injecting Data
- 9.4 Mini Challenge - Update Orders - Bestsellers Pages
- 9.5 Update Orders and Bestsellers Pages to Use Provide
- 9.6 Updating the Provider from a Child Component

10. Introduction to Routing

- 10.1 What We will be Building and Project Starter
- 10.2 Setting Up the Vue Router
- 10.3 Router Link and Router View
- 10.4 Params and Queries
- 10.5 Matching Dynamic Routes
- 10.6 Nested Routes
- 10.7 Active Classes
- 10.8 Fallback Pages
- 10.9 Setting Up Our Project Components and Routes
- 10.10 Programmatic Navigation
- 10.11 Different Router Modes

11. Composition API

- 11.1 What is the Composition API
- 11.2 Composition Setup
- 11.3 Primitive Versus Reference Types
- 11.4 Quick Introduction to Proxies
- 11.5 Using Reactive and isReactive
- 11.6 Adding Reactivity with Ref
- 11.7 Destructuring and toRefs
- 11.8 Readonly
- 11.9 Computed
- 11.10 Standalone Composition Functions
- 11.11 Mini Challenge-Moving Over the Cards by Category
- 11.12 Moving Over the Cards by Category
- 11.13 Accessing the Router
- 11.14 Watch and WatchEffect
- 11.15 Using Alongside the Options API

12. Pushing On with Our Project

- 12.1 Linking to Selected Card and Category Styling
- 12.2 The Create View
- 12.3 Retrieving the Selected Card
- 12.4 Selecting the Current Page
- 12.5 Switching Card Pages
- 12.6 The Card Preview Component
- 12.7 Text Output Component
- 12.8 Card Edit Component
- 12.9 Text Input Component and Hover Menu
- 12.10 Adding Menu Options
- 12.11 Menu Options Continued
- 12.12 Menu Styling
- 12.13 Updating the Card
- 12.14 Adding New Sections
- 12.15 Removing Sections
- 12.16 Rearranging the Order of Sections
- 12.17 Changing the Section Height
- 12.18 Additional Styling
- 12.19 Provide and Inject with Composition

13. Navigation Guards and Lazy Loading

- 13.1 Navigation Guards
- 13.2 Lazy Loading Routes
- 13.3 Grouping Routes into Chunks

14. Uploading Images

- 14.1 Image Upload Component
- 14.2 Setting Up Cloudinary
- 14.3 Reading File Objects and Previewing
- 14.4 Uploading the Image File
- 14.5 Saving the Image URL to Our Card
- 14.6 Repositioning the Image
- 14.7 Removing Images

15. Deployment

- 15.1 Deployment to Netlify

Certifications

- ▶ **Accounting, Banking & Finance**
 - Certified GST Professional
 - Certified AML-KYC Compliance Officer
 - Certified Business Accountant
 - Certified BASEL III Professional
 - Certified GAAP Accounting Standards Professional
 - Certified Treasury Markets Professional
- ▶ **Big Data**
 - Certified Hadoop and Mapreduce Professional
- ▶ **Cloud Computing**
 - Certified Cloud Computing Professional
- ▶ **Design**
 - Certified Interior Designer
- ▶ **Digital Media**
 - Certified Social Media Marketing Professional
 - Certified Inbound Marketing Professional
 - Certified Digital Marketing Professional
- ▶ **Foreign Trade**
 - Certified Export Import (Foreign Trade) Professional
- ▶ **Health, Nutrition and Well Being**
 - Certified Fitness Instructor
- ▶ **Hospitality**
 - Certified Restaurant Team Member (Hospitality)
- ▶ **Human Resources**
 - Certified HR Compensation Manager
 - Certified HR Staffing Manager
 - Certified Human Resources Manager
 - Certified Performance Appraisal Manager
- ▶ **Office Skills**
 - Certified Data Entry Operator
 - Certified Office Administrator
- ▶ **Project Management**
 - Certified Master in Project Management
 - Certified Scrum Specialist
- ▶ **Real Estate**
 - Certified Real Estate Consultant
- ▶ **Marketing**
 - Certified Marketing Manager
- ▶ **Quality**
 - Certified Six Sigma Green Belt Professional
 - Certified Six Sigma Black Belt Professional
 - Certified TQM Professional
- ▶ **Logistics & Supply Chain Management**
 - Certified International Logistics Professional
 - Certified Logistics & SCM Professional
 - Certified Supply Chain Management Professional
- ▶ **Legal**
 - Certified IPR & Legal Manager
 - Certified Labour Law Analyst
 - Certified Business Law Analyst
 - Certified Corporate Law Analyst
- ▶ **Information Technology**
 - Certified Angular JS Professional
 - Certified Basic Network Support Professional
 - Certified Business Intelligence Professional
 - Certified Core Java Developer
 - Certified E-commerce Professional
 - Certified IT Support Professional
 - Certified PHP Professional
 - Certified Selenium Professional
- ▶ **Mobile Application Development**
 - Certified Android Apps Developer
 - Certified iPhone Apps Developer
- ▶ **Security**
 - Certified Ethical Hacking and Security Professional
 - Certified Network Security Professional
- ▶ **Management**
 - Certified Corporate Governance Professional
 - Certified Corporate Social Responsibility Professional
 - Certified Leadership Skills Professional
- ▶ **Life Skills**
 - Certified Business Communication Specialist
 - Certified Public Relations Officer
- ▶ **Media**
 - Certified Advertising Manager
 - Certified Advertising Sales Professional
- ▶ **Sales, BPO**
 - Certified Sales Manager
 - Certified Telesales Executive

& many more job related certifications

Contact us at:
V-Skills
011-473 44 723 or info@vskills.in
www.vskills.in