Mindluster Platform

About the course Vue js Coding

What is Vue.js? Vue (pronounced /vjuË/, like view) is a progressive framework for building user interfaces. Unlike other monolithic frameworks, Vue is designed from the ground up to be incrementally adoptable. The core library is focused on the view layer only, and is easy to pick up and integrate with other libraries or existing projects. On the other hand, Vue is also perfectly capable of powering sophisticated Single-Page Applications when used in combination with modern tooling and supporting libraries. If youâ€™d like to learn more about Vue before diving in, we created a video walking through the core principles and a sample project. If you are an experienced frontend developer and want to know how Vue compares to other libraries/frameworks, check out the Comparison with Other Frameworks. What is VUE coding? Vue.js Codingâ€¬â€ Vue. js is a popular JavaScript library for building web application user interfaces and Visual Studio Code has built-in support for the Vue. js building blocks of HTML, CSS, and JavaScript. What Is Vue.js? According to Evan You, the creator of Vue.js: â€œVue.js is a more flexible, less opinionated solution. Itâ€™s only an interface layer so you can use it as a light feature in pages instead of a full-blown SPA.â€ He wanted to create a frontend framework thatâ€™s as powerful as Angular, but also â€œlighterâ€ and more flexible without all the unnecessary plugins and concepts that come with Angular. The result was Vue.js, which is one of the most popular frontend frameworks in use today. Login Schedule a Demo Kinsta Blog 10 Things You Need to Know About Vue.js Frontend Framework Solomon Eseme, July 23, 2021 Vue.js, featured image, illustration. Shares With the continuous rise of frontend JavaScript frameworks, including the new Vue.js 3, itâ€™s become vital to keep up with them and understand all about their new features. Try a free demo In this article, weâ€™ll explore Vue.js 3 and its newly added features. These latest additions make Vue.js even more robust, making it a great framework to consider for your next project. Youâ€™ll learn in detail 10 things you should know about Vue.js and how itâ€™ll help you deliver scalable and high-performing frontend applications. Ready? Letâ€™s go! Table of Contents What Is Vue.js? Why Developers Use Vue.js Pros and Cons of Vue.js 10 Things You Should Know About Vue.js What Is Vue.js? According to Evan You, the creator of Vue.js: â€œVue.js is a more flexible, less opinionated solution. Itâ€™s only an interface layer so you can use it as a light feature in pages instead of a full-blown SPA.â€ He wanted to create a frontend framework thatâ€™s as powerful as Angular, but also â€œlighterâ€ and more flexible without all the unnecessary plugins and concepts that come with Angular. The result was Vue.js, which is one of the most popular frontend frameworks in use today. State of JS 2020: Front-end Frameworks chart showing Vue.js in the second. Vue.js is the second most popular frontend framework. (Source: State of JS 2020) Good news: the new features added to Vue.js 3 make it an even better choice for your next project Check them out in this guide Click to Tweet Why Developers Use Vue.js Different reasons propel a developer to use a particular technology. Letâ€™s discuss why we think you should learn Vue.js. To get started, Vue.js is one of the most straightforward frameworks out there for most developers to jump into, as this framework uses JavaScript. Therefore, anyone who has basic JavaScript knowledge will be able to develop with Vue.js. The Vue CLI tool combined with other frontend development tools makes setting up Vue.js a breeze. Itâ€™s set up with some functionality by default, but you can also build code with a DRY (Donâ€™t Repeat Yourself) logic and structure. Reactivity is also built into Vue.js. That means the real-time functionality which was popular on the Angular framework is a breeze with Vue.js. For instance, you can easily apply a simple directive such as v-if in your Vue.js application. Next, letâ€™s discuss the primary pros and cons of Vue.js. Pros and Cons of Vue.js Vue.js is the second most popular framework in use today. Letâ€™s see what makes it stick with web developers, and what pushes them away. Vue.js Pros Weâ€™ll start by exploring the positive aspects of Vue.js. Tiny Size Vue.js has a very tiny downloadable size of about 18 KB which is excellent compare to other frameworks with large sizes. However, with that size, Vue.js will positively impact the SEO and UX of your frontend application. Single-file Component and Readability Vue.js uses a component-based architecture, thereby separating large chunks of code into smaller components. In addition, in Vue.js, everything is a component, and each component is written with HTML, CSS, and JavaScript, thereby encouraging readability and simplicity. Solid Tooling System Vue.js supports lots of frontend development tools right out of the box with little to no configuration from you. For example, Vue.js supports tools such as Babel and Webpack. In addition, it provides unit testing, end-to-end testing libraries, flexible and easy-to-use routing systems, state managers, server-side rendering (SSR), and more. Easy to Use If youâ€™ve used Vue.js before, youâ€™ll agree that itâ€™s very easy to use. It modernizes the usual web development approach, making it easy for any beginner to jump right in and feel comfortable with just a few practices. Vue.js Cons Now that weâ€™ve covered the pros, letâ€™s explore the negatives of Vue.js. Reactivity Complexity The implementation of two-way binding in Vue.js is a handy tool to manage Vue.js components. Two-way binding refers to sharing data between a component class and its template, itâ€™s developed so that if data changes in one location, it automatically updates the others. However, there is one issue concerning how the reactivity works while the reactivity system rerenders only those chunks of data triggered. Sometimes, there are some mistakes during data reading, so it requires data to be flattened. You can read through this known issue and how itâ€™s addressed on Vue.jsâ€™s site. Language Barrier

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