# **{Part One}**

Nowadays more and more developers, using JavaScript frameworks like, Angular, React or Vue

Let introduce VUE?

* Vue, is a Performant progressive JavaScript framework, for building user interface
* It helps you create a more maintainable and testable codebase
* Designed to be incrementally adoptable
* Easy integration with other libraries or existing projects
* And, it’s capable of powering Single-Page Applications, when used in combination with modern tooling and supporting libraries (such as Vue-Router and Vuex)

Next; We look at Vue in action, by building a to-do task manager page

# **{Part Two}**

In the following, Let's look at some of the Vue’s Pros

* Small Size

One of the most significant features is its small size. Vue weighs only 18 KB, after gzipping

* Ease of understanding and development

The advantage with Vue is that it enables development of large-scale templates. Which not only makes it easier for programmers but also saves a lot of time. Due to its uncomplicated structure, very less time is spent on searching blocks containing errors.

* Simple Integration

Unlike other JavaScript frameworks, Vue is useful both for building entire single page applications and for contributing components into existing apps. It can contain a component’s structure, logic and style all in one file which in turn makes it very simple to create flexible components which can be reused in other projects.

* Comprehensive documentation

Vue has a very thorough and well-written documentation. For a beginner to write their first application, they just must know some basic JavaScript and HTML and then they can complete halfway of the application

* Flexibility

If a user wants to write a quick app which will run straight from the browser, then Vue can really help you. It can even handle more sophisticated apps with JSX, ES6, routing and bundling. This flexibility makes it easy to switch to Vue because developers who have experience with React, Angular and JS framework would find Vue’s design very familiar.

* Reactivity

One of the best features of Vue is its reactivity. Data binding between HTML and JS code has never been easier. Vue handles two-way reactive data-binding like a charm. When data is changed, the DOM is also changed accordingly. It’s perfect for SPAs. It’s perfect for any application that requires real-time updates.

* Powerful CLI

Vue CLI makes life of developers much easier. Final version of CLI, has a Powerful GUI, Plugin support, Instant Prototyping and a much easier Webpack configuration.

* TypeScript Support

Vue has a native support for TypeScript. The team is adding new features and improvements with each update

* Browser devtools extensions

Vue team has released some good browser devtools extensions for their framework. They let programmers check the current state of Vuex, components, views, manually change data or even take a deeper look at events

# **{Part Three}**

All these advantages, have made the Vue framework, increasingly popular.

On this comparative chart, you can compare, the trend of growing of GitHub stars, of the three most popular JavaScript framework; Angular, React and Vue