

# Analysing Front-End Engineering and its Libraries and Frameworks in Web

Aishwarya Tiwari<sup>1</sup> and Dr. Ashima Mehta<sup>2</sup>

Student, Department of Computer Science and Engineering<sup>1</sup>

Head, Department of Computer Science and Engineering<sup>2</sup>

Dronacharya College of Engineering, Gurgaon, Haryana, India

Maharishi Dayanand University, Gurgaon, Haryana, India

**Abstract:** *In this period of rapid development, technology and their patterns change on a daily basis and evolve on their own. The Web Consortium has taken the lead in the history of the internet with this evolution. The use of the web platform improves the engagement between the media and the public, and this participatory culture is the ideal method for cultural communication to develop in the future. The transition from a display-type online to an application-type web, as well as the larger contents of public cultural services, will undoubtedly lead to the growth of front-end engineering. Front-end development and libraries such as React, Vue, and Angular, to mention a few, have exploded in popularity as the internet has grown over the previous few decades. Front-end and its frameworks, such as React, Vue, and Angular, to name a few, have undoubtedly made their way into the field of online performance measurement services as the internet has grown over the previous several decades. The conclusions of the study are examined from many angles in this publication. This study will examine the benefits and drawbacks of each framework, and it will conclude with a summary, contributions, and a prediction about the future of front-end development.*

**Keywords:** Analysis, Consortium, front-end

## REFERENCES

- [1]. Stefankrause Developer Team., 2018, December. Results for js web frameworks benchmark. From <https://www.stefankrause.net/jsframeworksbenchmark6/webdriver-ts-results/table.html>
- [2]. M. R. Solanki, A. Dongaonkar, A Journey of human comfort: web1.0 to web 4.0, International Journal of Research and Scientific Innovation (IJRSI), Volume III, Issue IX, pp. 75-78, 2016
- [3]. Angular Official Blog., 2018, July. AngularJS to Angular Concepts: Quick Reference From <https://angular.io/guide/ajs-quick-reference>
- [4]. Vue Official Blog., 2018, July. Reactive Data Binding Research. In Science and Information Conference From <https://v1.vuejs.org/guide/overview.html>
- [5]. MDN Web Docs. A re-introduction to JavaScript. Retrieved from [https://developer.mozilla.org/enUS/docs/Web/JavaScript/A\\_reintroduction\\_to\\_JavaScript](https://developer.mozilla.org/enUS/docs/Web/JavaScript/A_reintroduction_to_JavaScript).
- [6]. React. Virtual DOM and Internals. Retrieved from <https://reactjs.org/docs/faq-internals.html>.