



KAMK • University
of Applied Sciences

Full Stack Web Development with Vue.js and Node.js

Course description

**Full Stack Web Development with
Vue.js and Node.js
5 ECTS
Grading: pass/fail**

In this project course you will learn how to develop effective and maintainable full-stack web applications using Vue.js and Node.js and how to construct modern web applications with Node 10, Express.js, MongoDB, and Vue.

By the end of the project course, student will have an understanding of fundamental Vue.js concepts and will know how to use its state management library, Vuex, and its frontend routing library, Vue-router. Student will also be confident in building powerful and performant frontend web development using Vue.js.

The course covers the following topics:

- Build an application with Express.js
- Create schemas using Mongoose
- Develop a single-page application using Vue.js and Express.js
- Create RESTful APIs using Express.js
- Add test cases to improve the reliability of the application
- Learn how to deploy apps

Requirements:

No prior knowledge of Vue is required but a basic understanding of JavaScript and Node.js is essential.

