FullStack Open 2023 – an introduction

23.01.2023

## Technologies:

* React
* Redux
* Node.js
* MongoDB
* GraphQL
* Typescript
* JavaScript

## Learning goals:

This course will introduce you to modern JavaScript-based web development. The main focus is on building single page applications with ReactJS that use REST APIs build with Node.js

Other topics include debugging applications, container technology, configuration, managing runtime environments, and databases.

## General

* The course covers testing, configuration and environment management, the use of databases for storing the application’s data amongst other things.
* The course is worth 5-14 credits, and the content is the same as in the [Full stack course](https://fullstack-hy2020.github.io/) held at the [Department of Computer Science](https://www.helsinki.fi/en/computer-science) at the University of Helsinki in Spring 2022. There is also an associated [project](https://fullstackopen.com/osa0/yleista#full-stack-harjoitustyo) that is worth 1-10 credits.
* Partners: Houston Inc, Terveystalo, Elisa, Unity Technologies and Konecranes
* [Guest lectures](https://www.youtube.com/watch?v=BZexOyQZMMc&list=PLumQiZ25uijis31zaRL7rhzLalSwLqUtm)
* Course discord: <https://study.cs.helsinki.fi/discord/join/fullstack>
* Course Telegram: <https://t.me/fullstackcourse>