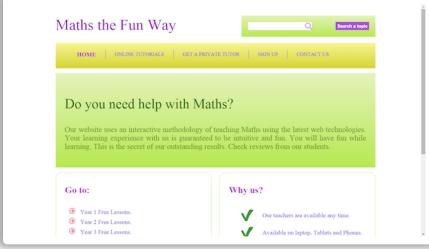
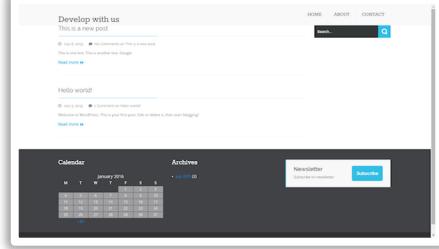
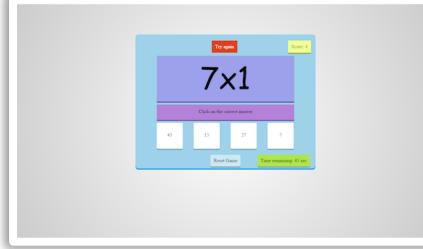
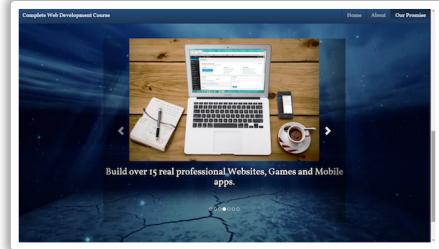
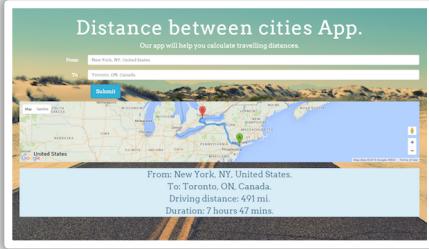
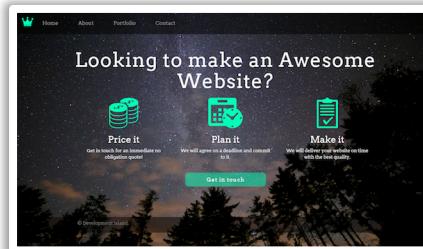
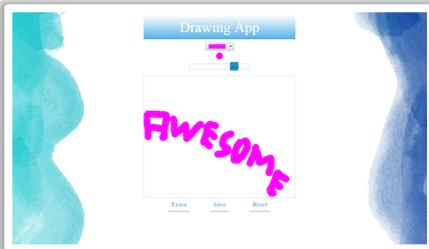
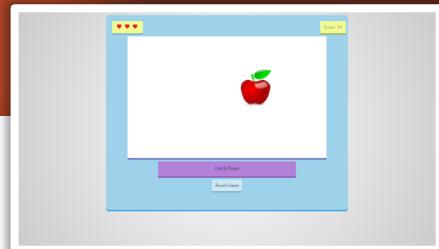
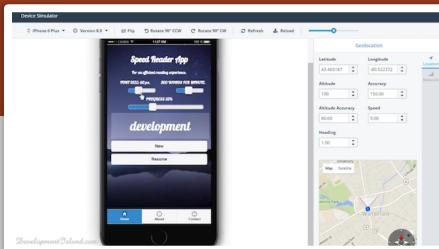
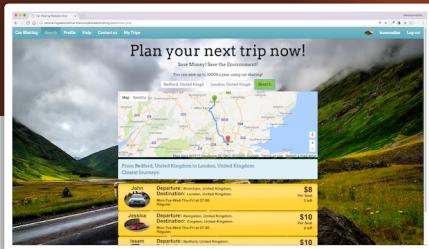


The Complete Web Development Course 2024

Build 15 Professional Projects



SYLLABUS - THE 2024 COMPLETE WEB DEVELOPMENT COURSE

LEARN@DEVELOPMENTISLAND.COM





HTML5

At the end of this section, you will be able to set up your web hosting, confidently build websites using HTML, upload them to the server using a file transfer tool of your choice and share them with the whole world.

CSS3

At the end of this section, you will be able to add stunning decoration and styling to your websites.



Full Professional Project

At the end of this section, you will be able to create powerful websites with highly professional decoration and animation using HTML5 & CSS3.

Advanced CSS with Flexbox, Grid & SASS

At the end of this section, you will be able to create powerful websites with advanced responsive layouts.

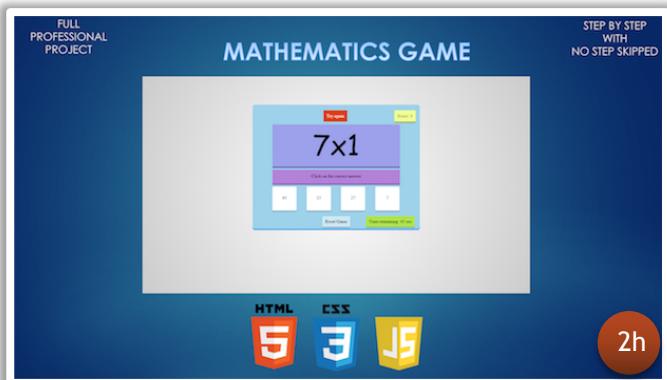


Full Professional Project

At the end of this section, you will be able to create JavaScript games just like the one you would have created. You will also be able to create interactive websites using JavaScript.

JavaScript

At the end of this section, you will be able to create Interactive websites and games.





jQuery

At the end of this section, you will be able to create powerful website using jQuery and jQuery UI. You will be able to create widgets like date pickers, accordions, sliders and more!

Full Professional Project

At the end of this section, you will be able to Create highly interactive websites and games using advanced jQuery and jQuery UI events and animations.

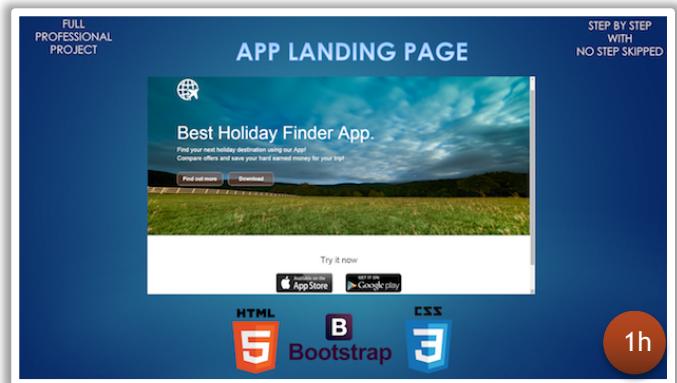


Bootstrap

At the end of this section, you will be able to use Twitter Bootstrap to produce Responsive Websites that will adapt to any device size.

Full Professional Project

At the end of this section, you will confidently build responsive websites using: Bootstrap grid layouts, CSS media queries, background cover picture, Jumbotrons for featured content and more.



Full Professional Project

At the end of this section, you will confidently build responsive websites using collapsible navigation bars with beautiful decoration, fixed backgrounds, icons made by yourself and more.

Full Professional Project

At the end of this section, you will confidently build websites using: a nice background video, scrollspy navigation bar, a professional and fully customised carousel slider and more.



Full Professional Project

At the end of this section, you will be able to confidently build Web Applications using: Responsive Bootstrap grid layouts, jQuery Timing events, CSS animation and styling.

Full Professional Project

At the end of this Project, you will be able to confidently use HTML5 canvas, local Storage, jQuery UI to create Powerful Web Applications.

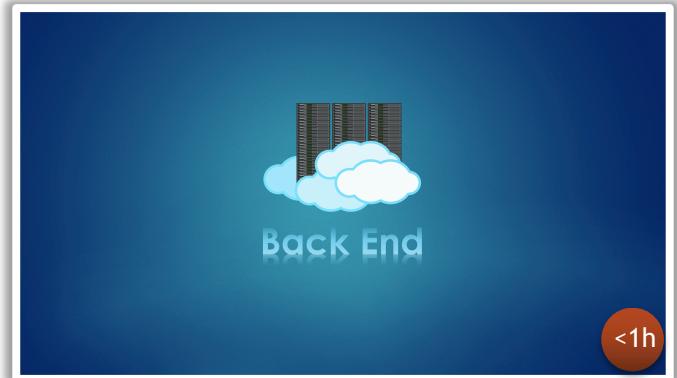


Front End vs Back End

At the end of this section, you will understand the full process flow of a Dynamic database driven web application. This will get you ready for the next sections where you will learn server side technologies, especially the trending Node.js framework.

Modern JavaScript (ES6)

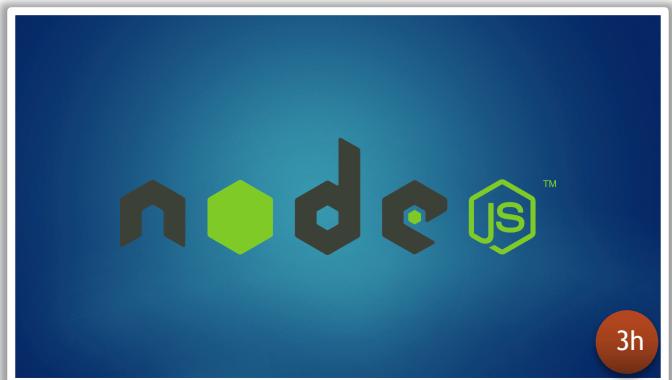
At the end of this section, you will be comfortable with the new ES6 features which will help you write high quality & modern JavaScript code with confidence.





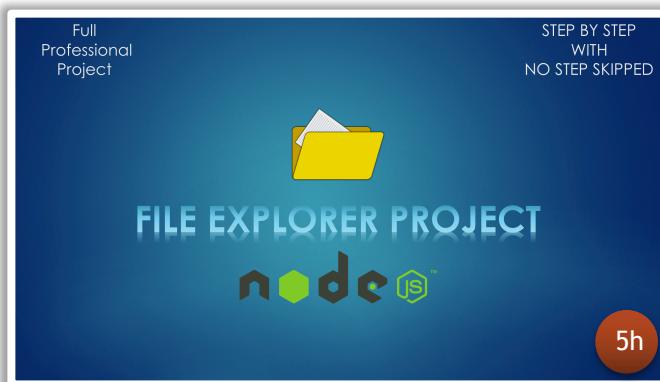
Master the Command Line

At the end of this section, you will be confident using writing commands in the computer terminal like a pro! This will make you ready to execute node.js scripts which you will build in the next section.



Node.js (ES6 + ES7)

At the end of this section, you will understand how Node.js works. You will be able to use built in modules of Node which you will use in small challenges before moving to the big Node.js project in the next section.



Full Professional Project

In this session, you will build a fantastic project (similar to Google Drive) using pure Node.js without using any framework. This will be a brilliant opportunity for you to learn how to apply techniques you learnt in the previous chapter as well as advanced concepts like the child process module, streams, etc. Which are not usually covered in online courses.

Git, Github & Heroku

At the end of this section, you will be able to confidently use Git & Github for version control and collaboration using online repositories. You will also master advanced Github concepts like: Cloning, Forking and Branching. You will also learn how to deploy your web apps to Heroku and share them with the world.



Learn Version Control
STEP BY STEP WITH NO STEP SKIPPED

git
heroku
GitHub

2h

This banner features a dark blue background with white text. At the top left is the text "Learn Version Control". In the top right corner, it says "STEP BY STEP WITH NO STEP SKIPPED". In the center, there are three logos: "git" (yellow diamond), "heroku" (purple square), and "GitHub" (orange rectangle). A small orange circle in the bottom right corner contains the number "2h", indicating the duration of the course.



Full Professional Project

At the end of this Project, you will be able to build Powerful Websites with advanced features found in modern applications: Sign up, login, forgot password, remember me, etc. You will also confidently write server side code which can make queries to a database, retrieve/store/update/delete data, etc.

PHP & MySQL

At the end of this section, you will be able to build dynamic database driven websites using PHP & MySQL. You will confidently develop dynamic features like signup/login/contact forms and more.



FULL PROFESSIONAL PROJECT
ONLINE NOTES APP
STEP BY STEP WITH NO STEP SKIPPED

HTML CSS jQuery php MySQL AJAX

11h

This banner features a dark blue background with white text. In the top left corner, it says "FULL PROFESSIONAL PROJECT". In the center, it shows a screenshot of a web application titled "ONLINE NOTES APP" with a notepad and pens. Below the screenshot, it lists technologies: "HTML", "CSS", "jQuery", "php", "MySQL", and "AJAX". A small orange circle in the bottom right corner contains the number "11h", indicating the duration of the course.



WordPress

At the end of this Project, you will be able to confidently use WordPress to create Blogs and powerful websites using WordPress themes, plugins, etc.



Google Maps APIs

At the end of this Project, you will be able to create use Google Map's API's to embed maps to your websites, customise them, calculate distance, manipulate JSON files, geocode addresses and more.



Full Professional Project

At the end of this Project, you will be able to confidently use the Google Maps API's to embed Google services to your website like calculating routes between two locations and displaying it on a map.

Full Professional Project

At the end of this Project, you will be able to increase the popularity of your website using social network APIs like Facebook like button, Google+ like button, tweet buttons and twitter timelines.



Mobile Apps

At the end of this Module, you will be able to Create real life mobile apps using jQuery Mobile. In the next section, you will create a real life app and upload it to the IOS and Google Stores.



Full Professional Project

At the end of this Project, you will be able to Create real life mobile apps using jQuery Mobile and publish them to the IOS and Google Stores.



Full Professional Project

At the end of this Module, you will be able to build advanced complete real-world database driven websites using both Front-End and Back-End Technologies you learnt in the course.