

Web Forms - 2022 Build and Master

Advanced Web Forms

What you will learn

1. Why web forms are the MONEY PAGES of most websites
2. Tons of practical examples and fun challenges to make learning easy
3. Learn how your website can take advantage of traffic by understanding how to build web forms
4. Learn how to send form data to a web server
5. Learn about HTTP and how it relates to HTML
6. Learn how to use AJAX to submit form data to a server
7. Practical examples - build many dynamic front-end forms with me
8. I am here to support you and bring you to the next level, step-by-step
9. Master client-side validation by using both HTML and JavaScript
10. Understand how to create custom error messages with the ConstraintValidation
11. Learn how to extract form key:value pairs using the URLSearchParams() API
12. Have fun mastering advanced front-end website development
13. Design and create forms to get the response you desire, be successful
14. Understand the CSS Box Model, the CSS Grid, and pseudo-classes and pseudo-elements
15. Learn about the different form controls available
16. Master the <input> types like text, password, email, tel, color, date, number, and more!
17. Master non <input> form controls like textarea, output, progress & meter bars, and more!
18. Learn why the browser implements URL Encoding when a user submits a form
19. Understand URL encoding
20. Understand how a server receives data from a form
21. Learn how to start a PHP server and receive form data (real example)
22. Learn how to start a Node server and receive form data (real example)
23. Understand why a user can type international characters into your form even though URL encoding specifies it must be ASCII characters
24. Learn how to build envied forms with elements like <datalist> and <select>
25. Learn how to view HTTP request header and body information
26. Learn about the <form> attributes (such as action, method, autocomplete, novalidate, enctype, REL, and more)
27. Understand why a GET request appends the form data to the URL
28. Learn why the browser appends the form data to the body of the HTTP request on a POST request
29. Doing help learning and we work through lots of examples together
30. Understand multipart/form-data and why do you need it when uploading files
31. Understand the difference between radio buttons and checkboxes
32. Understand how to listen for events on form controls (such as the input or change event)
33. Build dropdown controls, progress bars, meter bars, and a whole bunch more
34. Learn how to listen for different types of events, such as submit, input, change, etc.
35. Understand the ACTION and METHOD attributes
36. Understand the accept-charset (ISO vs ASCII) attribute

37. Learn about Numerical Character References
38. Easily master the original <input> types (such as password, text, hidden and more)
39. Learn how to build functional forms using <fieldset>, <legend> and <inputs>
40. Learn the 2 ways to create submit buttons on forms
41. Be an expert on the newer <input> types like email, search, tel, number, date, and more!
42. FUN CHALLENGES throughout the course (where we build custom toggles, checkboxes, color pickers, and more)
43. From beginner to expert (advanced +)
44. Gain the knowledge to achieve and lead
45. Gives you a depth of knowledge to boost your ability and confidence

Description

THE NITTY-GRITTY OF WEB FORMS?

A webform is also known as an HTML form. It is a place where users can enter data that are then sent to a server for processing. Web forms allow users to place orders on your site, provide their name and email address to sign up for a newsletter, or to sign up as a member of your site, and so forth.

What is great about web forms is that there is no “one size fits all.” You can use your artistic flair, and personal business acumen to create web forms with a particular length, format, content type, and appearance.

By doing this course, you will be able to improve your web form usability, which will ultimately enhance user experience and get website visitors excited about completing your form and converting.

Why is this course so important?

- Forms that are on point present an opportunity for a company to grow and capture loyalty.
- A form can often be both a marketing tool and a necessity. A form that puts the user at ease, that evokes feelings of trust, will get filled out far more often than a form that looks (or is) complicated and confusing.
- After completing my “Advanced Forms” course, you will be knowledgeable, confident and the “go-to” person for forms.

Let me share my form building skills with you

Understanding how forms work will equip you to become an awesome front-end programmer. Learn how to implement your creative, different, and dynamic ideas into your website. Master forms and you are halfway to becoming a full stack web developer. Take control through understanding. Delivering a perfect, interactive, and functional form is challenging. In this course, I take a deep dive into explaining web forms and how they work. Why do we need to wrap our form within <form> tags? How can you include a progress bar in a form? How can you customize a toggle or checkbox? Where does the data go once a user clicks on the submit button? How can you perform validation on your form? How can a user upload a file? What happens once the data arrives at the server? What are the different types of events we can listen to on forms? By understanding these questions, and many more in the course, you will be able to build advanced forms and better yet, understand the

full stack process! In other words, you will be able to create dynamic forms that improve user engagement and experience.

WHAT THIS COURSE COVERS

This course is huge and comprehensive, from basics to advanced

This course will give you solid fundamentals and practical regarding forms. It can be taken alone (you do not need to do any other course) to achieve your goals. You will emerge from this course with an advanced understanding and practical experience with building forms. It will take you to the point where you will understand what method (GET or POST) to use when sending form data, how to define where the data goes, and how to perform advanced client-side validation (checking errors on the form before it is sent to the server), how to write custom pattern validation rules (using regular expressions), how to run servers and how to view all HTTP request information. This is awesome knowledge. This course will captivate you and catapult you to the next level and set you well on your way to becoming a true Grandmaster in front-end form web development.

By the end of this course, you will be able to “speak” and “walk” FORMS by gaining an understanding of how you can build it, manipulate it, and style it in meaningful and practical ways. We dig deeper in every lecture, and this course has many bonus lectures which extend your knowledge base and test your skills.

Why should you learn so much about forms?

A webform is one of the best ways to get input from prospective clients and indirectly establish a relationship with them. The time you spend in bringing the user to your website should be matched with the time spent in perfecting the user experience with your web forms. It is surprising to see so many sites these days contain complex and frustrating web forms that cause a negative experience.

Ultimately, a web form allows your visitors to get in contact with you and to send information, such as an order, a catalogue request, or even a query, which is passed on to your database.

Can you begin to see how important forms are and how their use can be escalated?

Who this course is for:

- Everybody
- Everybody who wants to know more about web forms
- Everybody who knows about web forms but wishes they knew more
- YES: This course is for beginners too. Aimed at people new to the world of web development. No previous JavaScript experience is necessary
- NO: This course is NOT only for beginners. It is a complete beginner to an advanced master course that is suitable for intermediates who know the basics and have an idea about how to build forms but want to dig deeper to know its inner workings. Knowledge is power, as they say. Experienced students sometimes prefer to skip a section that they are very familiar with
- YES: This course is for someone wanting to be an informed professional, to be expert, and confident in the entire front-end development process when it comes to building forms
- Those who want to learn modern coding without third-party libraries and frameworks
- Those interested in building their frameworks, or being better able to learn from the source code of other well-known frameworks and libraries

- Those wanting to start using frameworks (like Angular or Node) that are heavily reliant on JavaScript and knowing the process flow of front-end web development
- Those who have some knowledge of forms, but little in-depth knowledge about how it all works behind the scenes, and how to practically implement best practices in their websites to stay in front