



Curriculum

JavaScript Bootcamp

Duration : 14 Weeks

Starting Date : Oct 7 2024

Pre-requisites : No coding experience needed

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Introduction

Whether you are seeking to become a front-end developer or a design engineer, this curriculum is designed to equip you with the essential skills and knowledge that would get you prepared for React or any other JavaScript framework/library.

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Bootcamp Overview :

- Live Classes : Monday, Tuesday, Wednesday, Thursday (7-9 PM WAT)
- Duration : 14 Weeks
- Coding Sessions : Friday (7-9 PM WAT)

Week	Topics/Activities
1	Workspace setup / Introduction to HTML and CSS
2	HTML / CSS continuation
3	Responsive design using HTML / CSS

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Week	Topics/Activities
4	Website design projects using HTML / CSS
5	Introduction To JavaScript, Variables, Data types, data flow
6	Arithmetic operations, comparison operations, functions, conditionals, the Math object.
7	Object literals, methods, arrays, working with strings, working with numbers, function parameters
8	For loops, while loops, for of loops, do while loops, for in loops, nested loops, higher order array methods

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Week	Topics/Activities
9	ES6, DOM, DOM manipulation, Web storage, the Window Object, Execution context etc.
10	Build Week + how to use AI as a coding assistant
11	Build Week + how to use AI as a coding assistant
12	Asynchronous JavaScript, XHRs, Promises, Fetch API, Version control using Git, modular JavaScript
13	Asynchronous build week + how to use AI as a coding assistant
14	Build Week(Capstone Project)